

Manufacturers Record

Exponent of America



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JUNE 7, 1928

The Southward Trend of National Conventions.

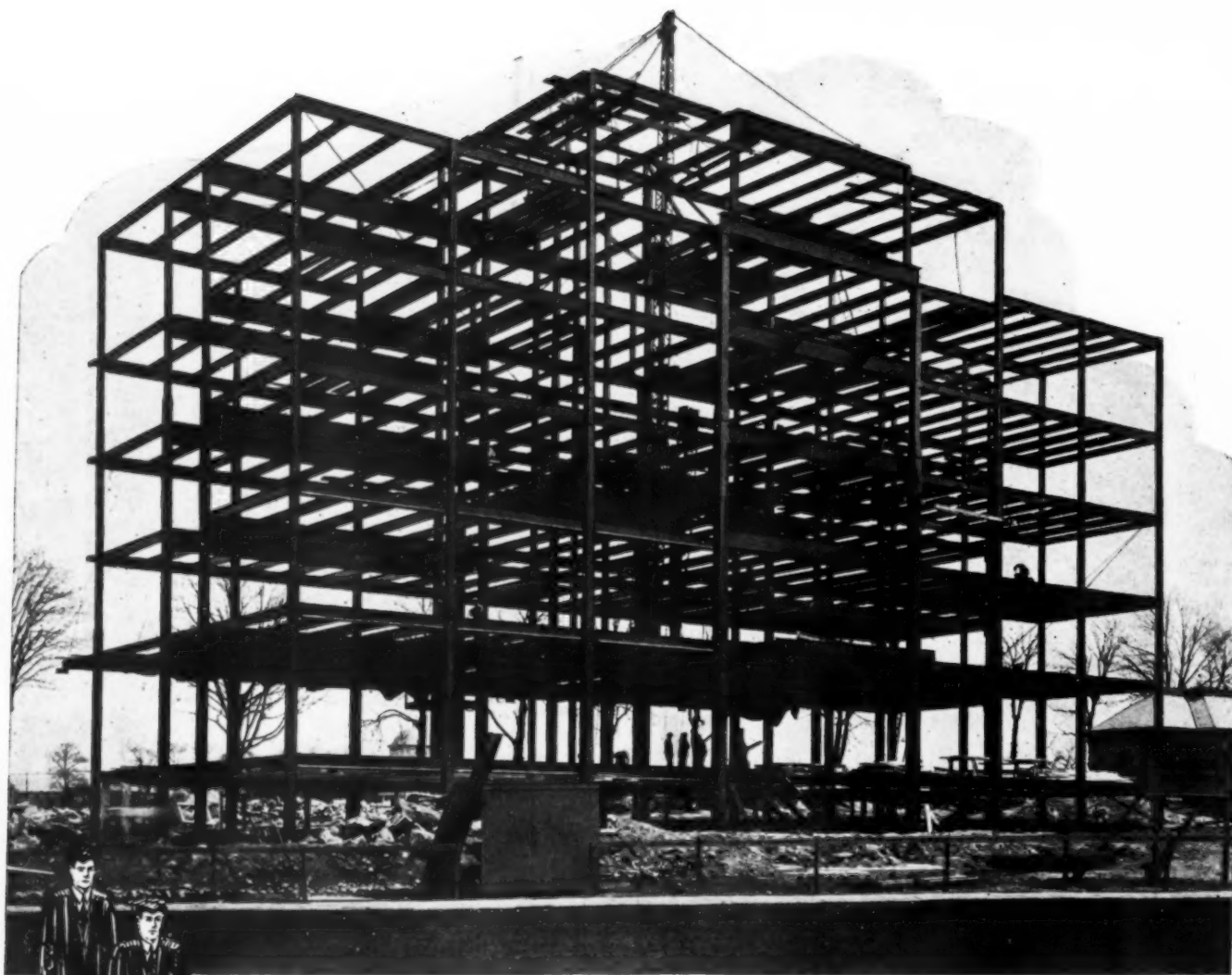
It may surprise many of our readers to know that the annual conventions of business and religious organizations in this country, perhaps 7,000 national organizations and 15,000 state or sectional organizations, represent an outlay, according to reliable estimates, of \$1,000,000,000 a year. The extent of this business is strikingly presented in a story in this week's issue entitled, "The Convention Industry a Billion Dollar Business." At first blush the figures may seem startlingly large, but when it is considered that thousands of organizations representing almost every line of human activity—industrial, commercial, agricultural, educational, religious and political—hold their annual conventions, gathering together from a few hundred to many thousands, we can the better appreciate the magnitude of this business and its influence in broadening the knowledge of those who attend on the great subjects discussed, widening the acquaintance of people of all sections, and bringing about better social and friendly relations as well as better business relations.

People generally give some thought to the conventions of great organizations, such as those of the American Bankers Association, the American Iron and Steel Institute, the National Association of Manufacturers, the great religious meetings representing all denominations, and political conventions, but they forget at times that these are only a few of the outstanding conventions, while thousands of smaller gatherings are held in all parts of the land. What this means in transportation by rail and by motor, what it means to the progress of cities in which the conventions are held, and to the broadening of the spirit of nationalism can scarcely be overestimated.

From time to time the Manufacturers Record has emphasized the fact that many leading national business organizations are more and more turning their attention to the South as the place for their annual conventions. The value of this to the South and to the country at large is almost inestimable. Tens of thousands of people who otherwise would not know anything about the South from a personal investigation, are in this way brought in touch with Southern life and Southern activities, to their own profit and to the great advantage of the South.

The article on this subject which we are publishing should stimulate every energetic town and city in the South to make a special study as to how to bring about the holding of these conventions in this section to a still greater extent than we have yet seen.

This Southward turn of conventions is strikingly shown in the selection of Houston for the National Democratic Convention and of Kansas City, a Southwestern city, for the Republican Convention.



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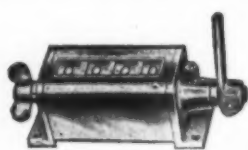
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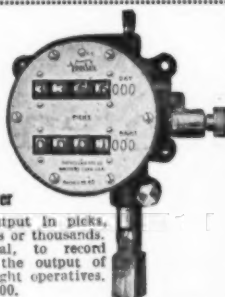
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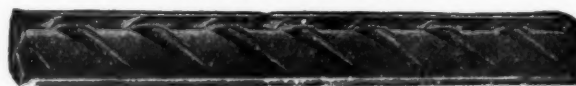
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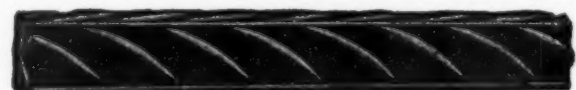
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Manufacturers Record

EXPONENT OF AMERICA

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of the South and Southwest as the Nation's Greatest Material Asset

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Weekly.

BALTIMORE, JUNE 7, 1928.

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Some Features of This Issue.

\$364,886,000 Now Available for United States Government Work.

As Secretary Hoover wrote the MANUFACTURERS RECORD a few months ago that every officer of the Government was doing his utmost to speed up construction work, it is interesting to note that by action of the recent session of Congress over \$364,000,000 is now available for disbursement in building operations, in road construction, in flood control and in navy building, and to be used just as rapidly as this work can be pushed forward. Full details of this amount of money now awaiting disbursement show that it includes over \$78,000,000 for public buildings, over \$39,000,000 for flood control, \$82,000,000 toward highway construction, \$107,000,000 for continued naval building activities and nearly \$56,000,000 for river and harbor work. In carrying out these great operations the Government will unquestionably stir up considerable activity on the part of private construction work and largely stimulate general business activities, especially everything connected with work of this character.

Houston Makes Good.

When Jesse H. Jones promised the Democratic National Committee that an auditorium capable of seating 20,000 people would be built especially for the convention there was doubtless a question in many minds as to whether or not Houston could make good this promise. Several days in advance of the contract date and weeks ahead of the date of the convention the completed building was turned over and accepted by the City of Houston. So remarkable have been the achievements of Mr. Jones in capturing this convention and in securing the erection of this building, which is in keeping with the amazing amount of work he has done in the development of Texas, that we are publishing a story today telling of some of the things he has accomplished, as an inspiration for other Southern people to catch his spirit of enthusiasm and of going ahead and doing things. If his spirit could be born into the business life of every community in the South there would be such a development in the near future as never before has been seen in that section or probably in any other part of America.

Conventions.

And speaking of conventions, reference is made on the cover page to a story in this issue that the convention business in America represents a billion dollar industry and is annually increasing very rapidly. A few weeks ago a religious convention met in the South, representing a denomination which is struggling to raise money for its missionary work, handicapped as all Protestant denominations are in this respect by a lack of money, and yet a rather careful

calculation shows that the messengers to that convention and the visitors drawn from all parts of the South must have spent over \$1,000,000 for transportation and the expenses at the convention. The expenditure was doubtless wise, but it indicates how rapidly such expenditures swell with the thousands of conventions annually held in this country.

The Cotton Situation in Lancashire and in the British Empire.

While favorable reports are made as to the increase of cotton-growing in the dominions of the British government under the great stimulus which has been thrown into this work by a bonus being paid to cotton-growers in offering higher prices than the market figure, in order to encourage growing, Premier Baldwin, in an address before the Lancashire cotton manufacturers, stated that cotton mills, bankers, investors and all others interested in this vast industry must accept a drastic reduction of their investments, in order to put the Lancashire business on its feet financially and re-establish the industry. According to his report, vigorous deflation in everything connected with that industry is necessary unless the business is to lose out. American cotton manufacturers will find much of interest in the reports on these two subjects of cotton-growing in the dominions and of cotton manufacturing in Lancashire.

Diversification of Ag- riculture in the South.

A Kentucky County requires 30,000 strawberry pickers to handle the crop of that one community and the initial shipment of berries a few days ago brought \$2200 a carload. Louisiana reports that \$7,000,000 worth of strawberries have been shipped from a strawberry-growing area of that State. Dispatches from Arkansas and Missouri say that 60,000 strawberry pickers are needed to handle the strawberry crops of those States. The Louisiana crop required 3000 cars and the Arkansas and Missouri crop, on a much larger acreage, will probably require a still greater number of cars. Florida during six months of the year ships out about 2000 carloads a day of early vegetables; citrus fruits, strawberries, celery, lettuce and other food products. The peach crop in Georgia promises to be so large that vigorous efforts are being made to prepare for handling it and distributing it in such a way as to avoid a breakdown of price. The widest kind of publicity and the thinning out of the fruit on the trees, in order to produce larger and better fruit through this means, is being advocated. Shippers, bankers and others are being urged to take immediate steps looking to the distribution of the crop, in order to prevent ruinous prices. Many thousands of carloads of peaches will soon be moving out of Georgia, to be followed by other thousands from the Carolinas, from

Arkansas and other parts of the South. Crop diversification is the order of the day in the South. Its development has been remarkable, justifying the heartiest co-operation on the part of business men, bankers and railroads, in order that these crops may be marketed with profit to the grower. In many places motor trucks are handling thousands of cases of strawberries and other early products in competition with the railroads.

***Dallas Sets the Pace
for Broad and
Unique Publicity.***

Every town and city in the country can learn something of advantage by a study of how Dallas had a proposed \$500,000 advertising campaign over-subscribed, and the details of the plan by which that city proposes not merely to advertise its own advantages but the advantages of all the tributary country, representing a population of 12,000,000 and doing an annual business estimated at \$6,000,000,000. In its efforts to advance the prosperity of Arkansas, Oklahoma and Louisiana as well as Texas, the Dallas advertising plan will seek to make known the resources and advantages of these states in a way to set forth some of their unique advantages.

Before undertaking this campaign Dallas had leading engineers, who specialize in such work, make a careful survey of the whole situation so that no industry not well adapted for that community would be invited to come. It believes that prosperous industries are an asset, but that unprofitable industries would be a liability to the community as well as to the individuals interested.

***Florida Plans a Great
Citrus Marketing
Organization.***

After years of discussion, and sometimes of rather unkind bickering between growers and shippers of citrus fruits, some of the foremost business men of Florida have formed an organization designed to benefit the grower in the financing and marketing of his crop, and thus enlarge the prosperity of the state.

This comprehensive plan is headed by J. C. Penney, one of the most widely known business men of America, and his associates are among the foremost business men in Florida. Mr. Penney is the head of an organization having 1000 department stores and doing a business of \$150,000,000 a year. Yet so great is his interest in agricultural betterment that he has consented to head this organization, with the agreement, however, that neither he nor his associate, Mr. Burdette Lewis, who will be identified with it, is to receive any salary whatever. In this is to be found a suggestion of how other great business leaders of the country should see the necessity for the ablest men in America, without financial remuneration of any kind, to co-operate in putting agriculture on its feet. This move should very greatly enhance the prosperity of Florida, and systematize the citrus industry to the advantage of growers and consumers alike.

AN OLD FURNACE WIPED OUT.

THE Princess Iron Furnace, of Glen Wilton, Va., once a profitable iron making concern, has gone by the board and has been sold at public sale for \$21,850.

When our farmer friends and their advocates complain so bitterly against the losses in agriculture—and no one sympathizes with them in this more than the MANUFACTURERS RECORD—they should bear in mind that many great manufacturing interests are from time to time being wiped out by reason of unprofitable operations. Agriculture is not the only sufferer that has to meet this condition.

**INLAND WATER TRANSPORTATION THE
ORDER OF THE DAY.**

THROUGHOUT the entire country there is coming about a realization of the very great importance of inland water transportation and the Federal government is constantly showing its appreciation of this by the work it is doing. Shortly before its adjournment, Congress appropriated \$15,000,000 for the extension of water transportation on the Mississippi and Warrior rivers after some years of experimental work in testing the possible value of water transportation on these rivers. Among many other inland waterway plans which have received the sanction of Congress after the most complete investigations by army engineers is the proposed development of the Florida East Coast Canal from Jacksonville to Miami. The canal as it now exists under private ownership is not adequate for the present needs of transportation. After a complete study by Colonel Gilbert A. Youngberg and Colonel Earl Wheeler, both retired army engineer officers, and others, Congress voted in favor of spending \$4,221,000 on the reconstruction of this canal and its maintenance by the Federal government, conditioned upon the people of the East Coast of Florida providing for the purchase of the canal as it now stands and a 500-foot right-of-way. As at present planned, the bill calls for a canal not less than 8 feet deep at average low water stages, and 75 feet wide at the bottom for the entire distance. But with realization of the fact that the development of water transportation will probably necessitate a still deeper and wider canal in the future Congress wisely required a right-of-way 500 feet wide.

The eleven counties comprising the East Coast of Florida, through a special commission consisting of one member from each county, after making a thorough study of the whole situation have proposed a special election for June 26 on the issuing of \$1,887,000 of bonds, of which about \$750,000 will be needed to acquire the East Coast Canal properties as they now exist and the remainder to be available in such amounts as may be absolutely necessary for the purchase of the right-of-way where this cannot be secured except by purchase. In a statement issued by Colonel Youngberg, a noted ex-army engineer, and now the chief engineer of the Florida Inland Navigation District, the plan is very strongly commended and the arguments presented should, we feel, carry conviction to the voters of that entire region. While there has been a disposition in Florida to curtail the issuing of bonds, yet in this case the increased taxation would be so triflingly small and the value of an inland canal of adequate depth and width would be of such immense value that the views of Colonel Youngberg, Colonel Wheeler and the other advocates of this plan should, it seems to us, carry conviction through that entire district.

For years the MANUFACTURERS RECORD, in the interest of Florida, has strongly urged the development of the East Coast Canal, believing that this would result in vastly increasing the prosperity of the entire region and that that prosperity would in the end prove helpful rather than injurious to railroad interests. Water transportation has in other places so greatly increased the prosperity of the surrounding country that this betterment has brought about increased traffic and larger prosperity for the railroads. We believe it will be true of the East Coast of Florida as it has been true elsewhere. The opportunity of having the Federal government take over this much-needed waterway enterprise and invest \$4,221,000 in construction, with an appropriation at the recent session of upwards of \$750,000 for the first year's construction work, would seem to indicate the extreme desirability of a practically unanimous approval of this bond issue.

STOP "CROAKING."

HOWARD ELLIOTT, chairman of the Northern Pacific Railroad Company, in the course of a letter to the MANUFACTURERS RECORD said:

"I am a great believer in the present and future growth of the South. In fact, I am a great believer in the next 25 years of the whole United States."

In both of these statements Mr. Elliott voices what is unquestionably correct. We are to see not only a great growth in the South, but we are to see a great growth in the entire country. "Be a bull on America" said J. P. Morgan, and if he were alive today we are quite sure he would reiterate that statement and emphasize it with all the power at his command. This whole country is entering upon a new epoch, a new era, and while some revolutionary and evolutionary changes are taking place we are on the right road and headed for vast expansion of industry and agriculture and business generally.

"On with the dance, let joy be unconfined!" The nation is moving forward and upward—financially, morally, educationally, religiously, and in the material things of the business life. Stop croaking, stop bellyaching, stop being a pessimist. Our natural advantages are unequalled elsewhere on the globe, our progress and our wealth are the wonder of the world, and yet many business men are living in mental dungeons seeing no sign of the rising sun of prosperity. They are rightly described as pessimists of whom it has been said "they are blind men in a dark cellar, without a light, hunting for a black cat which is not there."

3000 CARLOADS OF STRAWBERRIES BRING \$7,000,000 TO LOUISIANA GROWERS.

IN a letter to this paper Herbert Bayliss, general manager of the Louisiana Chamber of Commerce, writing from his office at Baton Rouge gives the following interesting figures as to the remarkable development of strawberry growing in some of the parishes of that state. Mr. Bayliss says:

"The strawberry industry in Louisiana has gained such proportions that it is a decided factor in the State's productive resources. Strawberries are grown commercially throughout Tangipahoa, St. Tammany, Ascension, Allen and Rapides Parishes, the Tangipahoa area, however, being the largest producing section for this commodity.

"This year's crop in the Tangipahoa section is the greatest ever produced in Louisiana. At the close of business Friday, May 18, a total of 2805 cars had been shipped, with a total value of \$6,223,303. It is estimated that the crop will yield something over 3000 cars, with a total revenue of \$7,000,000, which will include local shipments, auction sales, and sales to cold pack plants.

"The yield throughout the State has been exceptionally good, and the character of the fruit in many instances allowed for premiums. Several noteworthy prices were bid for fancy berries during the season.

"In the strawberry areas in Louisiana you also find a diversified agriculture, and the vegetable crops have, in many instances, exceeded all previous shipping records.

"Strawberry culture in Louisiana is a fixed asset."

At Hammond, in Tangipahoa Parish, there is a yearly celebration usually at the end of the strawberry season. The

fourth annual "Strawberry Festival" of Hammond was recently held on May 29 and 30. In spite of the prominence given to this crop only about one-quarter of Tangipahoa Parish is devoted to strawberry growing.

OUR INTERNATIONAL FINANCIAL OPERATIONS.

OF profound interest and importance to the world in general and to the United States in particular is "the balance of international payments of the United States in 1927," as computed by the bureau of foreign and domestic commerce of the Department of Commerce. "The reckoning of any country's balance of payments in its dealings with the rest of the world is, perhaps, the most important single computation in the entire field of its international economic relations; for the United States, such a work is one of vital interest," says Secretary Hoover.

Summarized from this report, the following facts stand out:

(1) The gross total of American investments abroad in 1927 was \$1,976,000,000.

(2) The net total, after deducting \$328,000,000 for refundings, commissions and discounts and \$977,000,000 for repayments from abroad, was \$671,000,000.

(3) In commodity and miscellaneous transactions, American claims against foreigners were \$6,711,000,000 and payments to foreigners were \$6,212,000,000, leaving a balance of \$499,000,000 in favor of the United States.

(4) Under "balancing items," gold shipped or earmarked due from foreigners was \$390,000,000 and due to foreigners was \$224,000,000, an American balance of \$166,000,000.

(5) For "discrepancy due to inaccurate figures," the United States is debited in \$6,000,000, in the report.

In the list of miscellaneous transactions are several individual items of great interest, which may be summarized thus:

American tourists spent \$770,000,000 in foreign lands and foreigners spent \$153,000,000 in America, an American debit of \$617,000,000.

On ocean freight, the United States earned \$222,780,000 and paid foreigners \$524,868,000, a balance of \$302,088,000 against the United States.

On Great Lakes freight, American income was \$6,347,000 and foreign income was \$6,270,000, or a favorable balance of \$77,000 for the United States.

War debt receipts by the United States were \$206,000,000, with no offset payments.

Immigrant remittances of \$241,000,000 from the United States and \$35,000,000 to the United States left an American debit of \$206,000,000.

The United States sent \$43,000,000 abroad in charitable and missionary contributions and received no such payments.

In interest on all private foreign investments, long term and short term, the United States received \$795,000,000 and paid \$281,000,000, an American gain of \$514,000,000.

The outstanding conclusion gathered from a study of this report is that the United States in 1927 contributed more than \$900,000,000 to foreign countries, through such net debits as \$617,000,000 spent by American tourists abroad, \$206,000,000 net, in immigrant remittances, \$43,000,000 in charities, and so on.

In short, the United States is going as far toward "helping to put Europe on its feet" as the most ardent altruists could desire.

This "balance sheet" is a convincing—an unanswerable argument against the pleas of American international bankers for reduction of the tariff, so that near-pauper made goods from foreign lands can deprive American labor and capital of profitable employment, in order that Americans who have invested money in foreign competitive enterprises may obtain the interest and amortization payments which these bankers have promised them.

BE CAREFUL IN BUYING PLANTS OR WORN- OUT MACHINERY FOR REMOVAL TO SOUTH.

DURING the boom period of the eighties when there was great activity in the movement of plants of different kinds from the North and West to the South, Southern communities were often swindled by purchasing in part or in whole, plants and machinery entirely out of date. Carried away by the spirit of industrial activity which then prevailed and the rivalry between different communities for securing the removal of plants from other sections, a number of disastrous experiences were the result of unwise action. Some old plants that were equipped with antiquated machinery were located in the South by the aid of large cash bonuses or subscription to stock.

A great deal of out of date machinery, of the kind which could not possibly compete with up-to-date machinery, is now to be found in many plants in other sections, the owners of which would gladly sell to Southern communities and in some cases this machinery is worth nothing except for scrapping.

The natural advantages of the South are such that many thoroughly sound legitimate industries will doubtless be transferred from other sections to the South, but where bonuses are asked of Southern communities great care should be taken to see that no plant not thoroughly modern in every respect is brought South by reason of stock subscriptions or bonuses. An out of date plant cannot succeed even in the South, and every unprofitable plant becomes a liability to the community and to the South as a whole instead of an asset. It is, therefore, important that extreme care should be exercised in matters of this kind, and machinery which is out of date or plants equipped with old machinery should not be purchased at any price for the establishment of mills either by Southern people or by people from other sections.

90,000 EMPLOYED IN THREE STATES PICKING STRAWBERRIES.

EDWIN J. PAXTON, president of the Evening Sun, Paducah, Ky., writing to the MANUFACTURERS RECORD about the story on strawberry growing in that section, prepared by Miss Sidney Snook of his office, gives some additional details as regards the number of people employed. He says:

"Miss Snook has told you in her article what the pickers are paid and how they are housed and transported. This may be of value to you, for some other communities reading of our activities may ask you for more information on the subject. If I can serve you further, command me. You are doing such a wonderful work for the South, it is incumbent on every one who has anything at all that may be of value to the Southern folk, to let you have it."

Miss Snook's second article on the subject appears in this week's issue.

Writing under date of May 29, Mr. Paxton advised the MANUFACTURERS RECORD that \$2200 a car was received for the first day's shipments. His paper, the Evening Sun of Paducah, and business men of the community have united in a plan for offering prizes to the growers who exhibited at a strawberry show last week, thus indicating the interest the business men of the community are taking in this industry.

A Kansas City dispatch to the New York Times reports that 60,000 pickers are needed for the berry crop of Arkansas and

Missouri and that "pickers are in great demand." Add to the 90,000 thus needed in three States for this one industry, the thousands that have been thus employed in other Southern states and we get a fair idea of what strawberry culture is doing for the South.

A SIDELIGHT ON WORLD FINANCE.

AN extremely interesting sidelight thrown upon the financial situation of the world at the present time is found in a copyrighted letter of the Whaley-Eaton Service, of Washington, whose weekly letters to their subscribers are always most interesting and valuable. In a discussion of some phases of the financial system in connection with French and Anglo-American views and the world's supply of gold, the Whaley-Eaton letter of May 19 said:

"A drastic and long-continued deflation, in the opinion of our foreign and domestic consultants, 'would bankrupt the world.' The value of the dollar today determines the value of gold. The fixed purpose of American finance has been to stabilize the value of the dollar, and, therefore, of the international price level. Continued pursuit now of a policy enhancing the value of the dollar, thus lowering prices, would be destructive and there is no reason to believe that the dominant financial authorities have any such object in view. But these authorities will also be wary about letting affairs again get into the condition they have been in New York. The gold reserve can be replenished from gold certificates in circulation, and by imports. The Board apparently accepted last summer the principle that money should be easy when crops are moving to market. The long-term tendency is for the price of money to go down."

WHERE INDIVIDUAL ENERGY AND INITIATIVE CREATED A GREAT AGRICULTURAL DEVELOPMENT AND PROSPERITY.

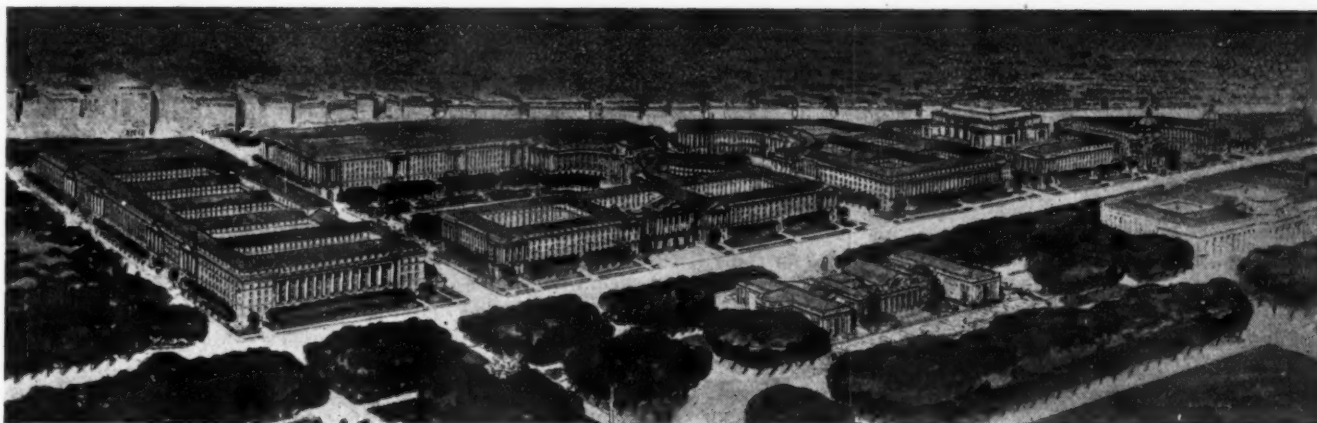
SHORTLY before his death Henry M. Flagler told the Editor of the MANUFACTURERS RECORD an interesting story as to how one man at his advice had undertaken to test the Hastings, Fla., section for potato growing. That region, as our readers know, is now one vast potato field, or succession of fields.

In an advertisement of the Model Land Company of St. Augustine, a part of the Flagler System, in the May 3 issue of this paper, attention was called to the fact that the potato crop of the Hastings section will this year approximate \$5,000,000 in value. These potatoes are followed on the same land with corn, hay and other field crops.

Here is a development worthy of careful study by everyone who thinks the farmers of the South cannot create prosperous communities and diversify their agriculture without some sort of help or interference by the Federal Government or the Interior Department thereof.

Cleveland Gets 1929 Road Show.

The 1929 convention and road show of the American Road Builders' Association will be held in Cleveland, Ohio, during the week of January 14, according to an announcement by Charles Upham, director of the association. Extensive additions to the public auditorium at Cleveland recently completed will provide sufficient space so that the convention program and the road show may be held simultaneously in the auditorium, it is said. Heretofore the convention meetings were held at one of the hotels near the auditorium.



GENERAL PLAN OF DEVELOPMENT FOR PROPOSED NEW FEDERAL BUILDINGS IN WASHINGTON.

Nearly \$400,000,000 Now Available for Government Construction Work.

Available for the employment of thousands of men and the purchase of huge amounts of materials, \$364,886,047 lies in the United States Treasury, ready to cover appropriations made by Congress for Government construction and constructive work. Much of this money is in process of disbursement at this minute, under various deficiency Acts, and the remainder is subject to payment on and after July 1, the commencement of the fiscal year, as provided by other measures.

The aggregate of these Appropriations laws is thus made up: Public buildings, \$78,957,822; flood control, \$39,597,294; road construction, \$82,880,000; navy construction, \$107,564,620; rivers and harbors, \$55,886,310. Such are the figures as compiled by the Treasury Department for the MANUFACTURERS RECORD. Other items there are, also, hidden away here and there in other laws; but, these are the major and outstanding accounts.

Further in detail, these appropriations were provided in the following laws:

Road Construction—Department of Agriculture, annual Act, May 16, 1928, \$78,500,000; deficiencies, December 22, 1927, \$1,880,000; May 29, 1928, \$2,500,000.

Flood Control—Department of Agriculture, annual Act, May 16, 1928, \$5,597,294; War Department, annual Act, March 23, 1928, \$12,000,000; deficiencies, War Department, December 22, 1927, \$7,000,000; May 29, 1928, \$15,000,000.

Navy Construction—Navy Department Act, May 21, 1928, \$76,735,750; deficiencies, December 22, 1927, \$21,577,370; May 29, 1928, \$9,251,500.

Public Buildings—Public Act, March 5, 1928, \$29,635,000; Treasury Department, March 5, 1928, \$15,885,170; deficiencies, December 22, 1927, \$8,739,152; May 29, 1928, \$24,698,500.

Rivers and Harbors—Omnibus law, etc., \$55,886,310.

For various reasons, the beneficial effects of these construction and constructive Government enterprises will be felt by labor and industry first in the line of public buildings construction, at which, indeed, regiments of men already at work in Washington soon will be swelled to a veritable army in that city and at other points throughout the country. The wrecking of many old buildings has been under way for some time for a new group of great Government structures in the capital; cellars are being dug and foundations are being laid for some, and the whole great task will be well under way before long time has passed. At nearby Baltimore, a new, great postoffice is to be erected, and other Federal buildings are planned for the South and other points of the compass.

Furthermore, to preclude untoward delay through various

preliminaries, the Treasury Department, through the office of the supervising architect, long has been at work on plans and specifications on which to call for contracts. Designs have been completed for virtually all of the great buildings to be erected in Washington, property needed by the Government has been appraised and much has been obtained by purchase or condemnation and, now that the money is forthcoming, the work will go smoothly on. The same preparations have been made for Government buildings in other cities and bids are being sought and contracts awarded in continuing fashion.

Of outstanding interest throughout the country as, probably, of greatest importance to all the Nation is the provision for flood control, and the appropriations on this line are described as sufficient till Uncle Sam can get to work with steam shovels and contractors outfits. Not only will the customary flood control work be speeded up somewhat by the readiness of ample funds, but also engineers and surveyors will be enlisted in preliminary work, to prepare for early commencement on the great enterprise. At present, it is estimated by the Army engineers, the Government has from 5000 to 6000 men at work on revetments and contractors are working about 2000 men on levees, and it is not unlikely that these forces will be swelled, in anticipation of the tremendous task ahead.

Expenditure of the Federal roads funds depends largely on the activities of the individual States—the Government money is on deposit to the States' credit and subject to their check monthly, as they may present their bills. On awarding contracts for road work, a State may draw on the Federal Treasury for a generous percentage of such bills, the limitations being that no demand shall be made for more than 50 per cent on any contract and that no contract shall exceed \$15,000 a mile for roads. Beyond \$4,380,000 in deficiency laws on this line, Congress has appropriated \$78,500,000 and also the States may look with confidence for \$75,000,000 a year for two or three years yet to come.

What this road-building stimulus means to the South may be gathered from the fact that in 1926, the latest figures available, the Southern States received a total of \$32,322,416 from Uncle Sam on this account. The aggregate was divided as follows: Alabama, \$1,619,280; Arkansas, \$1,708,059; Florida, \$1,007,484; Georgia, \$2,571,705; Kentucky, \$1,748,672; Louisiana, \$875,832; Maryland, \$720,453; Mississippi, \$1,413,024;

Missouri, \$3,924,191; North Carolina, \$3,098,816; Oklahoma, \$1,919,956; South Carolina, \$1,558,668; Tennessee, \$2,377,547; Texas, \$4,801,337; Virginia, \$2,514,371; West Virginia, \$463,021. This was an average of more than \$2,000,000 for each of the 16 Southern States, and \$2,000,000 will employ quite a number of men and buy quite a stock of material, even in these high cost days.

While no provision has been made for the construction of great vessels for the Navy Department, the program calls for continuance of work on eight cruisers now under way, of which Uncle Sam is building two at navy yards and private contractors are building six. Such work means not only the daily employment of many hundreds of men on the craft, but also the fabrication of great quantities of steel and other materials and the consequent employment of men in such industries, and also work for railroad men of every kind on the transportation systems.

Much employment also will be provided in the South and much money put into consequent circulation under the Omnibus Rivers and Harbors Act, in which are the following Southern projects:

Maryland—Baltimore harbor and channels, \$507,640; Choptank River, \$6300; Elk River, \$6000; Smith Creek, \$7500.

Virginia—Monroe Bay and Creek, \$15,200; Cockrells Creek, \$59,000; Norfolk Harbor, Va. (west branch of Elizabeth River), \$25,000; Norfolk Harbor (anchorage basin), \$90,000; Nansemond River, \$92,300; Scotts Creek, \$31,000.

North Carolina—Endenton Harbor, \$57,000; Mackay Creek, \$1100; Cashie River, \$5000; Knobbs Creek, \$79,000; Roanoke River, \$46,500; harbor at Beaufort, \$55,000; Belhaven Harbor, \$55,000; Morehead City harbor, \$35,000; Silver Lake Harbor, \$8500.

South Carolina—Waccamaw River, \$12,500.

Georgia—Savannah River below Augusta, \$1,305,000.

Florida—St. Johns River (Palatka to Lake Harney), \$63,000; Charlotte Harbor, \$22,500; Tampa Harbor, \$748,000; Caloosahatchee River, \$620,000; East Pass channel, Choc-tawhatchee Bay, \$600.

Alabama—Mobile Harbor, \$22,000.

Mississippi—Gulfport harbor, \$200,000; Biloxi harbor, \$52,000.

Louisiana—Chefunete River and Bogue Falla, \$3000.

Texas—Freeport harbor, modification; Port Aransas, \$395,000; Brazos Island harbor, \$1,000,000.

West Virginia—Kanawha River, \$3,603,000; Ohio River, \$200,000.

Kentucky—Tradewater River, \$2500; Green River and Bear Creek, \$23,000.

Also, \$1,500,000 will be spent on the Mississippi River between Grafton and St. Louis.

As the first fruit of this great Government constructive program, the work at Washington is of particular interest at this time, as giving an actual and visible view of what may be expected in the line of employment in other sections.

Backed by actual appropriations of \$15,000,000 and authorizations of \$60,000,000 to be appropriated probably next winter, the Treasury Department, through the supervising

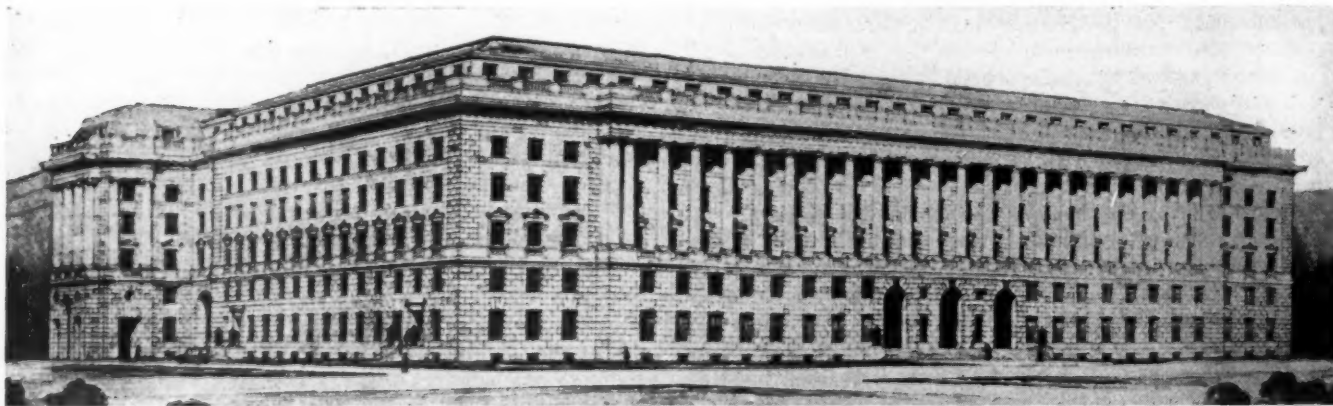
architect's office, is well on the way toward the construction of half a dozen Government buildings that will transform a drab section of the national capital into an architectural beauty spot, will give employment to hundreds of workingmen and probably will save the Government more in rents than the interest and amortization on the investment. The project may be viewed as actual proof of the great and widespread benefits of practical Government construction work.

For decades the assembling of many fine Government buildings in one area has been the dream of various statesmen. Now, the translation of that vision into actuality is described as the ambition nearest and dearest to Secretary Mellon's official heart. On property already owned by the Government, but leased by it to others, the demolition of old buildings is under way. Much other property has been acquired and such as remains necessary for this project is being valued for condemnation.

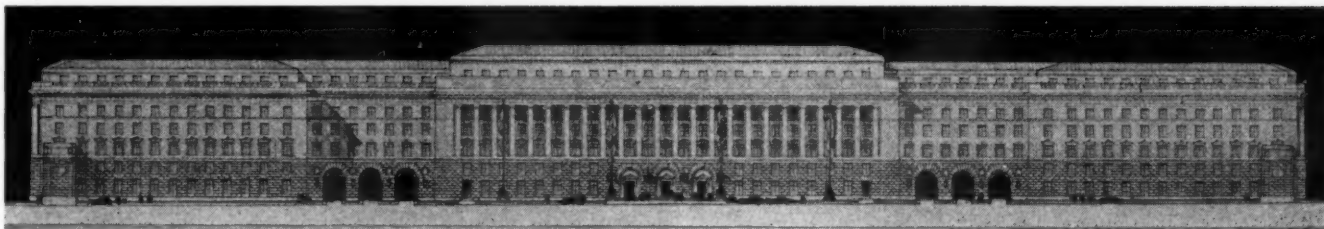
The section selected for this group of buildings is in the heart of Washington, covering, roughly, the area from the junction of B street and Pennsylvania avenue, N. W., to Fifteenth street, from "the Avenue" to B street—virtually, a right angle triangle. Time was when that stretch on B street and much of the area below "the Avenue" was of unsavory reputation, and very rightly so. Even after the cleanup which improved it, many of the old structures remained and the section has not formed a delectable picture. Nor has Pennsylvania avenue from Fifth street to, say, Eleventh been a thoroughfare of beauty. The Postoffice Department building stands at Eleventh street, the fine building of the Southern Railway Company is at the Avenue and Thirteenth and the District municipal building is situated just to the westward of the Southern Railway headquarters. Otherwise, drab, indeed, has been that section.

Now, all that is to be changed. Magnificent buildings are to arise, with spots of flowers and green here and there, to delight the eye. Each building, in its way, it is planned, is to be the last word in fireproof construction, in convenience, in comfort and in sanitary safeguards. An urban desert is to become an urban oasis. Furthermore, these structures will be convenient for visitors to reach. Cars from the Union Station and all parts of the city will pass their doors, or within a block or so; several of the foremost hotels of the capital are almost across the street; the Treasury is just around the corner, and close beyond that are the White House, the old State, War and Navy building, and so on, away down to the Interior Department, the distant Navy Department and the Shipping Board still farther. The course of Pennsylvania avenue will be changed a little, and instead of joining E street at Fourteenth, as at present, it will be cut through a little below, at Thirteenth street, and will run straight to the White House grounds.

The Government buildings so far selected for this group



INTERNAL REVENUE BUILDING TO BE ERECTED.



DEPARTMENT OF COMMERCE BUILDING AS IT WILL APPEAR FROM FOURTEENTH STREET.

are: Department of Commerce, Department of Labor, Interstate Commerce Commission, Internal Revenue Bureau, Archives building and Department of Justice, with provision also for "independent establishments," such as various bureaus, boards, commissions, councils and administrations, of which there are so many now in the Government machinery. At the west end of the triangle, work preliminary to construction of the Department of Commerce building is well under way; at the east end, the Justice building will not be considered for some time to come. The Department of Commerce will run along the east side of Fifteenth street from the Avenue to B street, on property long owned by the Government. Labor will stand at B and Fourteenth streets, with Interstate Commerce just to the eastward and Internal Revenue running along B street from Twelfth to Tenth—both Thirteenth and Eleventh streets being closed. The Archives building will stand on Tenth street, between B and the Avenue, with a "shell" built along the streets on its north and east and south. Justice, in time, will be between Ninth and Seventh streets.

On a specified construction cost limit of \$17,500,000 for the Department of Commerce building, \$2,000,000 has been actually appropriated, which the supervising architect's office figures will carry the work along until Congress shall meet in December. The wrecking of old buildings on the site is almost completed, the contract for excavation work has been let and the construction of foundations will start in September. While no figures on dimensions of any of the proposed structures are obtainable, it is known that the Department of Commerce Building front will be 40 feet longer than the Capitol, which is 751 feet and 4 inches long. Incidentally, the Capitol is valued at \$15,000,000 and the grounds at \$10,400,000 more, the structure being worth \$2,500,000 less than the new Commerce structure cost limit.

Of especial interest will be the Archives building, which will safeguard records and papers and documents beyond any estimate in money value, which now are scattered here and there in various buildings, in imminent danger of fire or misplacement or loss through a dozen other channels. The erection of such a structure has long been urged by the MANUFACTURERS RECORD, and the building is regarded as one of the most important in the prospective group. A cost limit of \$6,900,000 for this building has been set by Congress, of which \$1,000,000 has been appropriated to cover the purchase of ground. The necessary condemnations are expected to require three or four months, after which Congress will appropriate more money for preliminary and actual construction work. The dimensions for this structure have not yet been settled.

Ten million dollars has been set as the cost limit for the Internal Revenue building, of which \$3,200,000 has been appropriated, including about \$1,000,000 needed for land.

The order in which the buildings will be erected is determined by the Public Buildings Commission, composed of Senator Reed Smoot as chairman, Senator Claude A. Swanson of Virginia, Representatives Richard N. Elliott of Indiana and Fritz G. Lanham of Texas; David Lynn, architect of the Capitol, and James A. Wetmore, acting supervising architect of the Treasury. It has been settled that Com-

merce and Internal Revenue shall be built first, with Archives to follow, and the enlargement of the Department of Agriculture, not in this triangle. No authorizations have yet been made for Labor and Interstate Commerce.

While the preliminary work now under way, such as the condemnation and acquisition of land, has not permitted the employment of workmen, except in preliminary work for the Department of Commerce, the project in time is expected to give employment to many hundreds of persons and to put many millions of dollars into circulation in the District of Columbia, Maryland, Virginia and other nearby States.

\$2,000,000 Cement Plant for San Antonio.

According to an announcement accredited to Judge J. W. Young, vice-president of Smith Brothers Properties, Inc., San Antonio, Tex., construction is expected to begin soon on a \$2,000,000 cement plant near that city. The plant will be located, it is said, on a tract of 800 acres about 10 miles north of the city, between the Missouri-Kansas-Texas and Missouri Pacific railroads. A new corporation will be organized by Judge Young and J. H. Smith, president of Smith Brothers Properties, Inc., to operate the enterprise. In addition to the cement mill, it is announced that water works, sewer system, disposal plant and other facilities will be installed. Terrell Bartlett and other San Antonio engineers are gathering data preparatory to beginning work on the plant. Judge Young advises that it will probably be 30 days before details will be available.

\$1,000,000 Hotel Announced for Little Rock.

Little Rock, Ark.—The Farrell Hotel Company has been organized here to build a \$1,000,000 hotel at Seventh and Scott streets, to be known as The Albert Pike, the structure to be 10 stories, of light gray face brick and stone, with tile trimmings. It will be of Spanish architecture with a modification of the American set-back type. A two-story garage, 100 by 150 feet, to accommodate 150 cars, will be erected in the rear of the hotel and connected with the lobby by covered passageways. Eugene John Stern is the architect and W. F. Ault, general contractor, both of Little Rock. Officers of the hotel company include C. M. Farrell, president; W. F. Ault and George H. Donaghey, vice-presidents, and S. L. Kahn, secretary-treasurer. The Union Trust Company, Little Rock, will underwrite a bond issue to finance the structure.

\$1,500,000 Building Projected in Richmond.

Richmond, Va.—Plans are being prepared by John Ebersson, New York and Chicago, and Carneal & Johnston, Richmond, for a \$1,500,000 arcade building, according to an announcement by Morton G. Thalheimer, Inc., who will handle construction and manage the building. The structure, to be known as Broad-Grace Arcade, will be 3 stories and basement, of reinforced concrete and steel and will front 130 feet on Grace street, 184 on Third street and 53 feet on East Broad street. The basement will be used for a restaurant, first floor for 25 stores and the remaining floors for offices. Elevators will be installed.

The Peach Industry of the South Can and Must Be Saved.

By S. M. THOMSON, Atlanta.*

For generations Georgia has been famous for its peaches. This industry has grown into one representing a great investment of capital, and has extended in a commercial way into North Carolina, South Carolina and Tennessee. In each of these three States there are certain limited areas which have concentrated on the production of peaches and now have orchards in full bearing capacity. Georgia today, although many of the old orchards are going out in the southern part of the State, probably has reached its maximum bearing capacity and has a greater number of well kept orchards under a high state of cultivation and in a condition to produce high grade peaches than ever before in its history.

To give some idea of the importance of this industry, there is every indication of a crop of not less than 24,000 cars of commercial peaches this season in the four States mentioned, of which about 17,000 are in Georgia, 3000 in North Carolina, 3000 in Tennessee and 1000 in South Carolina. The baskets



PEACH-PACKING SHED NEAR SOUTHERN PINES, N. C.

Here integrity of grade is looked upon as the first business principle.

and crate material necessary to handle the Georgia crop alone will amount to over 1500 cars.

Few people realize the capital investment represented in orchards capable of this production, and less realize the critical condition the peach industry faces. Those familiar with the industry know that the usual result of a very large crop of peaches is ruinous prices. Ten thousand cars out of Georgia, or 4,000,000 crates, could be counted on to average around \$2.25 per crate f. o. b. cars, or better; but, 20,000 cars out of the State, under present conditions of marketing, would most likely result in a very large proportion of the crop not bringing freight and packing charges, and would almost certainly bring disaster to a large number of growers.

The industry, to survive, must pay the grower something for his labor and the cost of fertilizer and materials he has put into growing his crop. Before the grower gets one cent for this, the fruit must bring on the average northern terminal market not less than \$1.40 per crate. It will cost about 50 cents a crate to harvest, grade and pack a crate of peaches. It will cost at least an average of 10 cents a crate to sell it, and an average of 80 cents a crate freight charge

to get it to market. When fruit, therefore, arrives on a terminal market and finds those markets glutted, as it most certainly will do under full crop conditions and the present methods, we may expect fruit to bring packing charges or less, and some days it will do well to bring freight. Such a condition, it will readily be seen, will bankrupt the industry.

In many seasons a crop is kept down by frost or freeze and is so reduced that the remainder can be marketed at a profit. This means that when frosts do not destroy a good part of the crop we face a crisis as far as peach prices are concerned. There is no use in trying to camouflage the situation, but rather look it square in the face. Right now there are persons in the peach industry who might well be compared with an ostrich with its head in the sand. Others are wide awake and realize the importance of taking action immediately; but, little can be accomplished without concerted action. A very large proportion of these peaches move to market over a very brief period of time. We know what the movement of 1000 cars of peaches a day will do. They may be the finest peaches that were ever grown, but will almost certainly bring ruinous prices unless steps are taken to remedy the situation, and it will require action and not futile debate.

Very close to 80 per cent of the commercial crop of peaches in the four States is under contract to not over 15 selling agencies, and five factors control over 50 per cent of the crop. Therefore, the solution of the problem lies primarily in a concerted movement on the part of the factors interested in marketing the crops in seeing that progressive steps be taken, and these can be taken. They are: (1) Increase the consumption; (2) control the movement in an orderly manner, particularly to the terminal markets; (3) thin the peaches thoroughly and harvest and grade with care, so as to obtain good shipping quality.

In regard to increasing consumption, there is only one practical way to do this and that is to turn the latent demand for peaches into an active demand in the great consuming centers. If the demand becomes active enough, the produce trade will come to the South for peaches. There is only one practical method in sight today to turn this latent demand into an active demand, and that is by judicious advertising to the consuming public. Advertising pays, and the peach industry lends itself admirably to advertising. The reasons are clear and may be briefly stated:

First: The peach crop of these four States moves over not to exceed a 10-week period, and the bulk of it moves in a period of not over five weeks. The advertising fund can be concentrated in direct-consumer advertising in an intensive way at the same time the peaches are moving.

Second: The bulk of the peaches grown in these States moves to market north of the Potomac and Ohio Rivers and east of the Mississippi, and the major part of this fund can be concentrated in that area.

Third: There is a very great latent demand for peaches in the North on the part of housewives and others, but this demand on the part of a great proportion of the population is not active, and never will be active for Georgia peaches or Southern peaches unless a real, intelligent program for advertising is concentrated upon. In other words, the housewives and the consumer on actual days of buying should be told of the merits and health giving qualities of peaches, the merits of the different varieties, and above all urged to eat and can peaches.

Fourth: The machinery already exists for the creation of an advertising fund. It would require very little effort to get into operation, provided the selling agencies or exchanges would give their wholehearted support. These sales agencies

*Mr. Thomson is superintendent of the crop insurance department of the Hartford Fire Insurance Company.

or distributors sell the fruit, collect for it and return to the grower the proceeds, less the sales commission. A standard form of agreement could easily be got up for the grower to sign, giving the sales agency or distributor authority to deduct five cents per crate as an advertising fund, along with his regular selling commission. The distributor or sales agency would obligate himself in turn to turn over this five cents per crate to an advertising committee. In this way the advertising fund could be underwritten.

Fifth: The growers themselves, on account of the disastrous prices they have encountered heretofore in years of large crops, realize the necessity for an advertising program. They would be satisfied if 75 per cent would contribute. Naturally, a fund of this kind must be properly administered, and a reliable committee should be available to attend to it and to secure the services of the best advertising agency possible.

The selfish grower will say that he "does not want to pay to advertise his neighbor's peaches." If he only stopped to think, he would realize that, if his neighbor thought the same thing, no one would ever advertise. Nothing is perfect; but if 75 per cent of the growers, or even 60 per cent, will come in under the advertising plan, the grower will be well repaid for anything he has contributed, and the chances are that his five-cent per crate fund would be returned to him 1000 per cent.

Another pessimistic argument advanced is that the advertising fund of one cent per crate collected by the Georgia Peach Exchange in 1924 apparently did no good. This is an altogether different proposition, as the Exchange at that time did not have a ready means for collecting this fund, and it was so small as to make no impression, anyhow. One cannot expect to pull a 10-ton truck out of the mud with a mule, and then blame the mule for failure. This first advertising attempt is in no way comparable with a concerted plan on the part of all agencies.

Still others may argue that the peach industry should first get its house in order in the way of quality and integrity of grade and pack, so that the wholesaler, retailer and consumer could know exactly what he is buying. This argument has merit and it is unfortunately true that there is vast room for improvement. Too many peach growers cannot be depended upon to put up the right kind of fruit, but the new Georgia grading law is going to do a great deal to correct this in Georgia, if properly enforced.

There are right now thousands of acres of peaches belonging to responsible men who are making a real and determined

effort to make a success of the peach business, but who have about reached the limit of their capital and are trying desperately to conserve it. These orchards in the case of a price disaster will revert to the status of the indifferently cared for orchard and produce inferior grades of fruit. Therefore, to say we should delay advertising until the growers all pack perfect peaches is like arguing that there is no use in pulling a drowning man out of the lake until he shaves and changes his collar. He will never have a chance to improve appearance unless something is done for him and done immediately.

If anyone took time to study the condition of the big terminal markets during the season of 1926 when there was a big peach crop he knows that it is nothing less than a disgrace the way peaches moved to terminal markets that season. There were no less than six distinct gluts of the New York market, and the same holds more or less true of the other big markets. And this may happen again this year, unless some real effort is made to enlist the co-operation of every individual controlling any considerable number of peaches and provide a means of exchanging information regarding the number of cars ready for shipment and the points of destination intended. A clearing house would appear to be the ideal arrangement, but it is probably not practical, since any attempt to control prices in this way means that, if the pressure gets very strong, the arrangement breaks at its weakest link, and for a clearing house to function properly, where any price arrangement is contemplated, necessitates iron-bound agreements that will be lived up to. It is almost inevitable that someone will break over the line and when this happens general demoralization and disgust result.

This does not mean, however, that some of the functions ordinarily performed by a clearing house should not be put into effect, and if the distributors of the peaches of Georgia, the Carolinas and Tennessee will get together in open meeting and sincerely determine to do something to effect the prosperity and stability of the peach industry, they can work out an arrangement that will prevent to a considerable degree the overloading of the terminal markets.

For the permanent good of the industry, and if f. o. b. selling is ever to be established on a satisfactory basis, it is imperative that steps be taken to maintain integrity of grade and produce peaches of good quality. A jobber, wholesaler, commission firm or any other purchaser certainly has a right



A SOUTHERN PEACH ORCHARD PROMISING TO YIELD 200 CRATES TO THE ACRE THIS SEASON.

to know that, when he buys a car of peaches, they are as represented.

But no matter how excellent the quality of the fruit may be, it will not bring a living price or avert disaster, unless there is enough of a demand in the consuming centers to take care of the fruit as it is shipped, and this demand can only be created by judicious advertising. It has been done on other products and it can be done on peaches. If a five cent per crate or bushel advertising fee could be made 75 per cent effective, it should create a fund of not less than \$350,000, which will make a noise in the territory where these peaches are normally consumed which would be heard and heeded.

It remains to be seen whether there is enough interest in Georgia and those other States to put this thing over. It would mean millions to Georgia, because every extra dollar over the cost of crating and moving the fruit to market goes back to the grower and is put in circulation. It is certainly time that the banks, chambers of commerce and everyone else interested in maintaining a prosperous State should make it their business to see that the capital invested in this peach industry is conserved. It can be done, but it is going to take leadership and determined effort and something other than indifference and apathy to do it.

Baltimore Prepares for Great Convention.

Following a visit by a strong Baltimore delegation to the annual meeting of the National Foreign Trade Council, at Houston, last April, Baltimore already has begun preparations to assure the success of the meeting in 1929, for which it was unanimously selected by the members of the Council, headed by Chairman James A. Farrell, president of the United States Steel Corporation. As director of the export and import bureau of Baltimore, G. H. Pouder has issued the following announcement:

"Baltimore will be host to the National Foreign Trade Council convention in the spring of 1929. It takes this advance opportunity to welcome a great national and international body engaged in the promotion of American overseas commerce and to express the hope that the exporting, importing, steamship and railroad interests of the United States and of the world will visit the city and its port on that occasion.

"Baltimore's activity in foreign trading and its anticipation of a greatly increased export and import commerce give it a keen appreciation of the work of the National Foreign Trade Council. The city is in full sympathy with the progressive aims of the organization and has followed closely the record of its efforts and accomplishments. It believes that the Council is performing a highly beneficial service to the foreign trade of the United States and of the world."

In addition to the high class hotels now accommodating visitors, Baltimore expects that by next spring still another hostelry, the Lord Baltimore Hotel, will be in operation for the further comfort and convenience of the large attendance which always marks the meetings of the National Foreign Trade Council. Visitors are expected from all parts of the United States, from Canada and from many foreign lands, including Africa. Baltimore handled without trouble the Democratic national convention of 1912, when Woodrow Wilson was nominated for President, and is prepared to act as host to any convention, no matter how large the attendance.

Austin Votes \$4,250,000 Improvement Bonds.

Austin, Tex.—Voters of this city have approved a bond issue of \$4,250,000 for improvements, the funds to be apportioned as follows: \$123,500 for resurfacing streets; \$1,876,500 for streets, bridges and storm sewers; \$700,000 for parks and playgrounds; \$550,000 for sanitary sewers; \$250,000 for the fire department; \$300,000 for schools and grounds; \$75,000 for an abattoir; \$50,000 for a hospital; \$75,000 for an airport; \$150,000 for a library, and \$100,000 for a city market.

Senator Curtis Favors a Protective Tariff.

United States Senate.

Washington, June 1.

Editor Manufacturers Record:

I have your letter of recent date containing clipping giving the tariff views of two of the Presidential candidates, and note your request that I give my views on the subject.

Since I have been in public life I have favored the American system of Protection. I entered Congress in 1893, helped frame, and have voted for every Republican Tariff measure enacted by Congress since that time.

I was a member of the Ways and Means Committee the last few years I was in the House and have been a member of the Finance Committee of the Senate for the last ten years. These two committees have jurisdiction over tariff legislation.

I favor an effective protection policy that will give equal protection to all the products and all the industries of our country, that is, such tariff rates as will give needed protection to each.

CHARLES CURTIS.

National Editors Visit the South.

Memphis, June 2—[Special.]—Thoughtful discussion of several important subjects and almost invaluable interchange of views and ideas by the participants were features of the annual convention of the National Editorial Association, held here this week. Immediately on adjournment, approximately 200 persons left on a tour of 2000 miles through the South, by special train and automobile and boat.

Food for reflection was furnished in an address by E. P. Mickel, head of the Southern School of Printing, Nashville, Tenn., who asserted that the training of boys and girls for "white collar jobs" only was "the great American swindle."

"Ninety per cent of our boys are being cheated by the persons who love them most," said Mr. Mickel. "Competency, the first essential for freedom, is being denied them. We turn them out by thousands every year, fit only for white collar jobs. That is well enough for the few who find the jobs; but, what of the thousands who are forced by necessity to turn to trades for a livelihood? They begin life under handicaps they are never able to overcome. Teach every boy a good trade. Ability to earn one's living with one's hands is an even greater asset than university training. Our boys must be unafraid of the future. Give your boy the finest education possible—and then expect some day to see him walking the track, or the floor of a department store. Teach him a useful trade, and you may enjoy a rocking chair near the fire, with calm assurance that he has a fair chance and that life, with its unknowable future, will never alarm him."

Various phases of advertising as related to the press were discussed by prominent speakers, and also tribute was paid to the memory of the late C. P. J. Mooney of the Memphis Commercial Appeal.

Oil Gusher in Louisiana Field.

New Orleans, La., June 1—[Special.]—A new oil gusher has been brought in at the McElroy field. The well is said to be producing 1300 barrels a day through a half inch choke. The well is No. 7 of the Gulf Refining Company. It is reported that it blew in at a pressure of 170 pounds.

Enid Votes \$502,000 Improvement Bonds.

Enid, Okla.—Voters of this city have approved bond issues of \$502,000 for the following improvements: Additional storm sewers, \$197,000; additional water mains, \$179,000; sanitary sewers and enlargement of garbage disposal plant, \$73,000, and two additional fire stations, \$53,000.

The Convention Industry a Billion Dollar Business.

By R. E. LOGSDON, Director, Memphis, Tenn., Convention and Tourists Bureau.

This is the day of the billion-dollar industry. A billion dollars is never commonplace, and yet it sometimes happens in this great country that a billion-dollar industry develops itself so easily that it escapes general notice. Such is the convention industry.

According to persons best informed in such matters, there are in excess of 7000 national organizations of one kind or another and perhaps 15,000 sectional or state organizations. The total membership represented by these organizations exceeds 25,000,000 persons of all ages, sexes and conditions. A fair estimate is that 5,000,000 annually attend conventions. There is some duplication in this total, for the reason that at least 25 per cent attend more than one convention each year. Cost of transportation, Pullman, hotel accommodations, meals, clothing, souvenirs and incidentals per person safely averages \$200. This is one reason why the convention industry is a billion-dollar industry.

Another reason is the exhibit side of conventions. We are told that a minimum of 1500 organizations of business and professional men produce exhibits at convention time. Exhibit space ranges in price from \$25 per unit of 100 square feet up to as high as \$1500 per unit. Transportation of exhibit equipment, its installation, the display of products, with its accompanying cost of personnel, the distribution of souvenirs and other items make the cost of exhibit space seem like the purchase of a five-cent cigar when compared with the total investment by the exhibitor. It is safe to estimate the cost of exhibits at conventions by manufacturers and sales agencies at a minimum of \$250,000,000 a year.

There are conventions which use in excess of 150,000 square feet of exhibit space, which can be supplied by only a few cities. Again, some of these conventions have developed attendance in excess of 10,000 persons and there are very few cities which can take care of such meetings. Vacant rooms are expensive luxuries for hotels and a surplus of 5000 or more rooms in any city is a calamity. Consequently, these organizations are finding it increasingly difficult to house their annual meetings.

To my mind, one of the chief values of attendance at a convention is the opportunity afforded for educational discussions of trade problems. It often happens that at the convention anyone has the opportunity of meeting men from other sections of the country on a friendly basis and discussing with them their business problems. It is significant that nearly all the most successful men are inveterate attendants at their trade or professional conventions.

Expositions at conventions in recent years have presented a startling development. There are many firms which sell \$1,000,000 worth of products or more at these conventions, which thus have developed into great markets.

Most national organizations had their initiation and their growth and development in the North and East, but now it has become a practice to meet in the East, West, Central and South in succeeding years. Also, probably 75 per cent of all organizations meeting in the United States have adopted a

registration fee system of paying their convention expenses.

Most men are either unfamiliar with handling conventions or have not the time to give to it. In consequence, a new type of service organization has been developed—the convention bureau. Well organized and well financed convention bureaus are in operation in about 60 large cities in the country. They perform two functions, the first being that of attracting desirable conventions to their cities and the second to provide what might be termed a branch office of the organization whose convention has been secured. The convention bureaus assist in the organizing of local committees, outlining entire programs for entertainment which are within the limit of the registration fee, and assist in their execution. These bureaus usually provide a national publicity service and assist the management of the organization in attendance building programs. They also provide secretarial service and personnel for handling the registration and other details of the convention. Their purpose is to represent their respective cities in a businesslike way and to look after the best interests of the organizations which hold their conventions with them. These 60 bureaus expend about \$2,500,000 annually in this work. Some of them are operated by chambers of commerce; others independently. They are usually managed by men of considerable experience in the organization and publicity field. They have eliminated "boosting" from the convention business, and have substituted businesslike solicitation and performance in its place.

In addition to these bureaus, chambers of commerce throughout the country operate convention committees which cover those features of convention activities which are within their financial scope.

The larger convention bureaus have an organization of their own, known as the International Association of Convention Bureaus. Their annual convention is concerned with a discussion of the problems affecting the conventions of all types of organizations. They have a code of ethics which is closely followed. The manager of a well financed convention bureau usually maintains a force of from five to 15 persons, a publicity director and an official hostess. The bureau files include records of from 3000 to 5000 organizations. In the handling of a year's program of conventions, a convention bureau which secures 150 a year often finds it necessary to organize 150 general entertainment committees and during the year deal with probably 2000 persons having in charge arrangements for such conventions.

It appears from examination of all factors that all organizations are developing greater interest each year; that the attendance at conventions is rapidly increasing; that convention markets as represented by expositions are becoming greater and greater, and that the climax has not even been approached. Convention attendance is increasing at the rate of approximately 20 per cent a year, including almost every type of business, industrial, fraternal, social, religious, scientific and professional organization.

The awakened South now is beginning to get its share of this business. Increased population and business development have necessitated hundreds of national organizations coming to the South for their conventions. Logically, their development must follow the development of the country. While their membership in many instances is concentrated in the North and East, where they have been long established, their greatest effective future development is South, and their realization of this is bringing scores of national meetings South each year.

BRITISH COTTON GROWING.

Report of Empire Corporation Shows More Nitrogen Needed for the Crop.

Manchester, England, May 17.—The annual report of the Empire Cotton Growing Corporation adopted at the annual meeting in Manchester on May 16, referred extensively to the cotton growing developments in various parts of the British Empire. The report stated that the reduction of the corporation's income as a result of the reduced levy paid by English spinners on every bale used may render impossible any considerable expansion of the corporation's program during the next few years, but by drawing on its reserves no curtailment of its present activities will be necessitated.

With regard to India the report states the publication of the report of the Royal Commission on Agriculture which was appointed in 1925 is expected at an early date, and among the many important recommendations to result from the inquiry those relating to marketing and research will find a prominent place. On the research side the labors of the committee have followed two main divisions, the first relating to the evolution of better strains, the second to the combating of diseases and pests. On the marketing side there has been considerable progress and four experimental stations have been opened. Detailed investigations are now taking place into the financing and marketing of the cotton crop in Bombay and Madras, Sind and the Punjab. The cotton cultivator had a distinctly brighter season in 1927-28 than in the previous year in relation both to price and yield. The final official forecast of this season's crop showed an area of 23,812,000 acres and an output of 5,480,000 bales compared with an output of 5,033,000 bales last year on an acreage of 24,676,000.

The report deals extensively with the cotton growing developments in South Africa, Australia, Swaziland, Southern Rhodesia, Northern Rhodesia, Anglo-Egyptian Sudan, Uganda, Tanganyika, Nyasaland, Nigeria, Sierra Leone, West Indies, Gold Coast, Fiji, Ceylon and Cyprus.

With regard to research work at the stations in Trinidad the report states that the corporation's staff are now in a better position to investigate with some hope of success the causes responsible for the production of thin-walled hairs in the shedding of flower-buds and in bolls. This year research has also been in progress in the physiological department on the transport of nitrogen. It is surprising how important nitrogen is in the production of cotton for though but little is utilized in the manufacture of the lint, yet the other parts of the boll tend to drain the rest of the plant of nitrogen, to such an extent that growth is brought to a standstill. As the supply of nitrogen is so generally short in tropical soils, the investigators have in view the more economical utilization of nitrogen by the plant and a survey of the methods at present used in maintaining the nitrogen supply of the soil. Work has also recently been begun on the immunity of cotton to internal boll diseases.

The reports of the experimental stations in Queensland, South Africa, Swaziland, Southern Rhodesia, The Sudan, Uganda, Nyasaland, Fiji and Nigeria, provide a comprehensive survey of the systematic work being carried on at these stations with a view to determining the conditions under which cotton can best be grown in each locality.

In the Sudan, investigations are proceeding with a view to determining the varieties best suited to the conditions of those portions of the country where the crop can be grown under rainfall, thus laying the foundations of what it is hoped will grow into an important new industry, providing a substantial output of cotton suitable to the needs of spinners of American cotton. The report further states:

"The Lancashire cotton industry have thus shown their belief that the surest way of safeguarding the supply of their raw material and of ultimately stabilizing its price by extend-

ing the areas from which that supply is drawn, is by patiently elucidating the scientific problems governing the various conditions under which cotton can be grown under the influence of different climatic factors. It is only by collecting and disseminating the knowledge thus acquired that the foundations can be securely laid for what it is confidently hoped will become a steadily expanding industry. The work, even at this early stage, is beginning to show results which are most encouraging for the future, and if the corporation needed vindication for their policy, it is to be found in the fact that other industries dealing with tropical and sub-tropical crops are now following their example in devoting considerable sums of money to investigations relating to their raw materials and improved efficiency in their production."

Speaking at the meeting Lord Derby who presided said that with regard to the future the chief cotton growing areas in the Empire were now known and so were the difficulties and agricultural problems peculiar to each. The prospects and projects in the Anglo-Egyptian Sudan and in Nigeria were good. In South Africa the conditions were more promising than they had ever been before.

England's Prime Minister Calls for Heroic Work to Save Lancashire Cotton Interests.

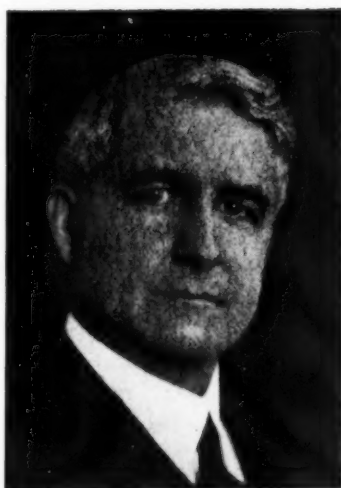
Manchester, England, May 17.—An important speech was made in Manchester, May 16, by the Rt. Hon. Stanley Baldwin, the Prime Minister, who addressed the leaders of the British Cotton Growing Corporation. He pointed out that the ordinary shareholder, the debenture holder and the banks would have to get together without Government aid if the difficulties in the cotton industry were to be surmounted.

The Prime Minister said "Capital will have to come down until it represents live assets." With regard to the depression in the industry, Mr. Baldwin said that all would have to make sacrifices. "I am perfectly certain that all parties in the portion of your industry affected have got to come together somehow or another, and no Government can tell them how; they have got to cut out all the dead wood and clean up the mess that was made in 1919. If you cannot get the industry on a sound basis in that way you cannot move forward by one-half an inch. You will never get fresh capital, you will never get enthusiasm, you will never get anything but ruin staring you in the face." He continued:

"Proud as England has always been, as proud perhaps as Lancashire, she will be infinitely prouder if Lancashire takes her coat off and rolls up her sleeves and has a set-to with grim determination to pull through a time that would daunt all but the most courageous, and you may depend that your country, watching this trouble will indeed rejoice when you can show once more that Lancashire has led the way—has shown England the path through the clouds into a future of sunshine, and has proved her fitness to be what she has so often claimed to be—the leader of our country."

Lord Derby who presided at the luncheon made some pertinent remarks on the present wage question. He said he viewed with the greatest concern and alarm the situation which apparently existed and which was a danger to the friendly feelings between the employers and the employed in the cotton industry. The difficulties of the cotton trade were not going to be solved, said Lord Derby, by quarrelling over a reduction in wages nor by strikes and lockouts. "I appeal to all concerned," he continued, "to see whether by reconstructing your industry and by the writing down of capital, which was unduly inflated after the war, you might, almost on the ruins of an old industry enable the phoenix of a new industry to be revived. Your difficulties are not going to be solved by quarrelling or by reduction in wages. You have to try to get back old markets; you have to try and find new markets, and to do that you have got to reconstruct the whole of your industry and induce new capital to come into it. It seems to me you have come to the time when you have to grasp the nettle."

Jesse H. Jones a Dramatic Factor in American Business Life.



JESSE H. JONES.

Here was a great man whose achievements have been the marvel of those who have known of his work, but so quietly has his work been done that comparatively few people of the country at large know who Jones is, or what he has done. His spectacular, successful fight to capture the Democratic Convention was only one incident in the life of a Southern-born man who has proved that this section can produce and has produced business men whose ability is not surpassed elsewhere in the world.

The story of the life of Jesse H. Jones is a story of Southern achievement wrought by one man. In his life work—and he is a young man comparatively—he has wrought what might almost be called miracles. The creative instinct for business as expressed through the erection of buildings of every class, from gigantic skyscrapers in New York, and in Houston and Dallas and Fort Worth, built, owned and operated by him, down to smaller buildings—theaters, garages and many others—must forever settle the voice of any carping critics who still to some limited extent think the development of the South can only be achieved by the infusion of outside men and money.

A study of the work of

STARTLED by the dramatic way in which Jesse H. Jones of Houston captured for that city the Democratic National Convention, the whole country began to inquire as to who is Mr. Jones and what are some of his achievements that enabled him to out-general the advocates of other cities that clamored for this convention.

It has been rightly said that when a great opportunity and a great man meet, great things are accomplished. Here was a great opportunity for getting the Democratic Convention to the far South.

Mr. Jones will illuminate the whole story of the inherent strength of character in Southern-born men of which he is one of the outstanding types. He was born in east Tennessee 54 years ago; born, like most Southern boys of that day, without any advantage of wealth—if being born to wealth can be counted an advantage—his life a romance of business more thrillingly interesting than any novel. Landing in Texas some years ago without any friendly financial backing, or any other kind of backing, Mr. Jones by his indomitable spirit and energy, which knows no limit, with a vision broad as the nation, has built and built and built vast structures of many kinds. We seriously question whether any other man in America has ever built, owned and operated as many gigantic structures as this man has to his credit.

It has seemed eminently proper that the MANUFACTURERS RECORD should publish a story of his life, and the pictures of some of his buildings in Houston, in Fort Worth, in Dallas, and in New York; for boundless as his faith is in Texas, marvelous as have been his building activities there, he has gone out, other worlds to conquer, by erecting great skyscrapers and apartment houses in the nation's financial and business center. Other men as contractors or promoters have erected

many great structures individually or through combinations, for management or for sale, but we rather

doubt whether any other man in the country has built as many superb buildings and continued to own and operate them as has this native of Tennessee and upbuilder of Texas.

Without undertaking to picture all of the many structures to the credit of Mr. Jones' activities we are giving some pictures of outstanding buildings in the three Texas cities named and in New York, constructed by him, and owned and operated by him. The Texas buildings are recorded to the individual credit of Mr. Jones. The New York buildings are credited by him to himself and his associates, but in them he has been the guiding, directing power.

Some years ago when the Rice Hotel was built at Houston it was regarded as one of the most remarkable commercial hotels of America, and it still stands worthy of that designation. Quickly following that with many other great build-



RICE HOTEL, ONE OF MR. JONES' GREAT STRUCTURES AT HOUSTON, WHICH WILL BE HEADQUARTERS FOR DEMOCRATIC NATIONAL COMMITTEE DURING DEMOCRATIC CONVENTION IN JUNE.

ings, this business genius has never ceased to carry forward his tireless activities. That our readers in other sections, as well as in the South, may learn something of this remarkable character, of the amazing activities of his life, of the superb buildings standing to his credit, and in this find the reason why he could walk into the meeting of the Democratic Committee, plank down a check sufficiently great to command the immediate attention of every member, guarantee a hall equal to the utmost needs of the Convention, and by unanimous vote

capture the Convention for Houston, we are giving a story of the life work of Mr. Jones, sought wholly by us and not in any way suggested by him. The mere recital of the facts contained in this story by our special representative, Walter L. Thurston, and the story of the affection with which Mr. Jones is regarded throughout Texas, should prove to be an inspiration to thousands of others that to the extent of their ability, their genius, their energy, their vision, they may go and do likewise.

Jesse Holman Jones.

By WALTER L. THURSTON.

Just as Col. Charles A. Lindbergh has received the plaudits of a greater number of people all over the world than has any other man in history, so has Jesse H. Jones of Houston been showered with honors by the people of Texas. This they have done, not because he was a builder of skyscrapers, not because he was an outstanding figure in the banking world, but because the quiet way in which he captured the National Democratic Convention for the city of his adoption made them realize as never before how truly great is this quiet, unassuming man.

On the evening of February 3 last, Jesse H. Jones sat amid a great crowd in the banquet hall of the Rice Hotel, in Houston, as the honored guest of the Knife and Fork Club, and heard the praises of his fellow townsmen. Fourteen years before in this same hall, on the occasion of the opening of the magnificent hotel, glowing eulogies had been heaped upon him, but they were as nothing compared with the tributes paid to him on this occasion. The banquet was held on the fourth anniversary of the death of Woodrow Wilson, who was a close friend of Mr. Jones, and Dr. Stockton Axson, brother-in-law of the late President and a close friend of the financier, spoke of this friendship and read two letters written by President Wilson to Mr. Jones. One of these, written less than three weeks before Mr. Wilson died, read: "My dear friend:—Your generous letter of January ninth comes to me like a benediction; and I thank God that I have such a friend."

Then Dr. Axson said: "If Woodrow Wilson were alive today I believe he would look with greater favor on Mr. Jones as a candidate for the Presidency than any other man. Jesse Jones stands today about where Woodrow Wilson stood in 1910. He is absolutely free from obligation to any political clique, free to serve the country and its people. * * * He has grown into something bigger than even his most intimate friends could hope for. The simple truth is that he is as big as any man in these United States. He has grown in generosity, kindness, humanity and ability. He has no superiors."

Speaker after speaker rose to praise him—minister and layman, Jew and Gentile, Catholic and Protestant. Men who have differed for years sat side by side and gave honor to this man who has accomplished great things.

Rev. William States Jacobs, president of the Knife and Fork Club and toastmaster, in conclusion, said: "Jesse Jones, it is not your buildings we honor. It is not your money. We honor you because we know that deep down in

the bottom of your heart you are a real man, a good man, a great man."

When at last the praise was ended Mr. Jones stood up and the great crowd rose. Deafening applause thundered through the great hall. It was fully five minutes before the applause stilled and Mr. Jones spoke. His voice was low and husky. Somehow it didn't sound like the voice of Jesse Jones, and the words came slowly: "It isn't human to listen to words such as I have listened to tonight and get up on my feet and tell you what is in my heart. As I sat here, listening to all that's been said, I've wanted just one thing—to measure up to the things that have been said about me."

On March 31 more than 250 men, gathered from every part of Texas, sat down at a banquet held in the Fort Worth Club. The dinner was given in honor of Mr. Jones by the Exchange Club, which each year gives such a banquet for the man who has contributed most to the progress of Fort Worth during the past year. Mr. Jones has not confined his building operations to Houston, but has built in Fort Worth the Medical Arts Building and the Worth Hotel and Theater Building, two projects involving over \$5,000,000.

One of the speakers voiced the thought that is in the minds of many at this time: "Jesse Jones is now a citizen of Houston and Fort Worth. There are rumors that next week he is to be made a citizen of Dallas. If this keeps on he'll have to have a whole page when he goes to register at a hotel from all the cities he comes from—and maybe the last city he'll write will be Washington."

Not to be outdone by Houston and Fort Worth, Dallas gave to Jesse Jones a tremendous ovation on April 9 at a testimonial dinner given at the Adolphus Hotel by the Dallas Chamber of Commerce. The dinner, attended by a host of friends and admirers that filled the ballroom of the hotel, was given a further note of brilliance by the presence of a large number of women, including the wife of the honored guest. In a brief toast Mrs. John O. McReynolds spoke of the charm and personality of Mrs. Jones which has enriched the life of Jesse Jones and has won for her a host of friends throughout the nation, who see in her a representation of the highest ideal and best traditions of American womanhood. Mrs. Jones responded graciously with a brief acknowledgement. In his response to the various toasts of the evening, Mr. Jones declared that the tribute to his wife was "the best part of the party to me."

At this banquet, as ten days before at Fort Worth, Mr. Jones outlined his ideas for the great centennial celebration

to be participated in by all of Texas and the Nation in 1936, the 100th anniversary of the winning of Texas independence, April 21, 1836. It was in 1926 that Mr. Jones was appointed director-general of the Texas Centennial celebration. As illustrating the generous scope of his imagination, this outline is well worth reading. He said:

"It seems to me that the day of the world's fair is passed, but Texas history is so rich and colorful and interesting and romantic that I believe we can hold a centennial that will attract the admiration and attention of the world, and that will do credit to the present generation as well as to the brave men and women who blazed the trail of a hundred years and more ago, that made possible our paradise of today.

"The plan that finds most favor in my mind is one that would include a demonstration at San Antonio to commemorate the Alamo, its erection and its fall, from which would be left a great state park; something that we could afford to create and maintain.

"At or near Houston, a reproduction of the battle of San Jacinto, and a pageant commensurate with the prominence and importance of that immortal event.

"At Goliad perhaps a shrine of some fitting nature in memory of the brave Fannin and his men who were massacred there.

"In the vicinity of Matagorda Bay, something to commemorate the landing of La Salle and his crew, when they discovered Texas in 1685.

"At Nacogdoches maybe or some other point in East Texas a shrine or memorial portraying the early days of that part of Texas.

"And at Austin something especially fitting and appropriate for the capital of our great state—this might be educational, built around the University of Texas in a way as to become a part of the university. And at A. and M. College a great demonstration farm and engineering laboratory.

"There should probably be a shrine at Columbia to mark the spot of the first capital of Texas; and somewhere in the great plains country a great panorama that would appropriately depict the days of the buffalo and the longhorn—the truly frontier days, especially the days of the Indian with his cunning, his reluctance to give way to his white brother, and to his rights as well as to his treachery.

"Passing from that, we might have in the Rio Grande Valley something modern to show the possibilities of the greatest garden region in America; and in the incomparable black belt somewhere in the vicinity of Dallas and Fort Worth and this particular environ, an exposition agricultural, industrial, mineral and live stock, on a glorified scale. Something that would adequately portray the progress of civilization westward and the manifold possibilities in such respects of our great state."

In this plan, as in everything else, we see Jesse Jones striving for something that will be of lasting good, something



MR. JONES AND PRESIDENT WILSON REVIEWING RED CROSS PARADE.

At the time this picture was taken Mr. Jones was Director-General of the Department of Military Relief of the American Red Cross.

fitting to the occasion, but at the same time enduring so that others to come after will reap the benefit of the work done.

Let us go back and take a glimpse at the early life of this man whom all Texas delights in honoring. Jesse Holman Jones was born on a farm in Robertson County, Tennessee, on April 5, fifty-four years ago. He was the fourth in a family of five children, three girls and two boys. His father, whom Mr. Jones speaks of as "the best man I ever knew" and whose influence did more to mold his character than any other, died while Jesse was still young, leaving the farm to be divided among the three girls. To the boys he left \$2000 each. Jesse and his brother John immediately used this money to pay up all debts outstanding on the farm, as far as it would go, and as they earned more they paid more until all obligations on the farm were paid and the girls held clear title to the land. How Jesse, a young man without capital, got his start in a financial way, is told by Mr. Jones himself; and reading between the lines of his simple narrative one finds another story—that of the astonishing faith in his own integrity, judgment and ability

that the young man had been able to inspire in the mind and heart of a seasoned banker. Mr. Jones says:

"I had no capital of my own and it seemed to me that if I were ever to get a start for myself, I would need credit and so I went to Mr. Royal A. Ferris who was then vice-president of the National Exchange Bank at Dallas and persuaded him to lend me \$500 which he did without security. I do not remember the tale I told him as to what I was going to do with the money but he accommodated me and I placed the money to my credit on the books of the company for which I was working and straight away deposited it back in the bank.

"When the note was due, I paid it and was out the interest.

"By and by, I persuaded him to lend me \$2000 and I did the same thing with that money.

"I took no chance whatever on losing it, and when it was due, I asked him to let me pay \$1300 and renew \$700. I was building credit.

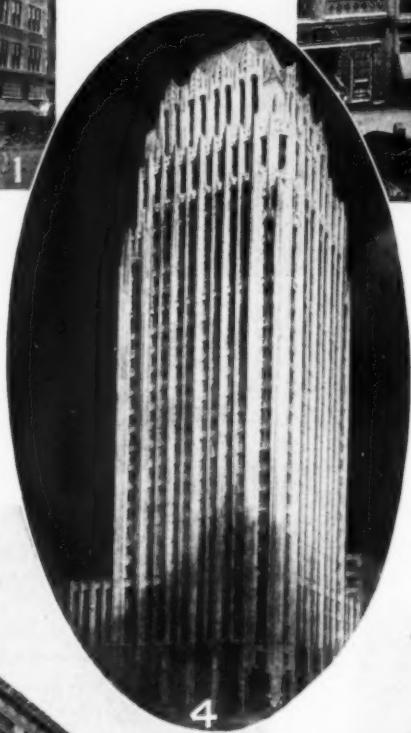
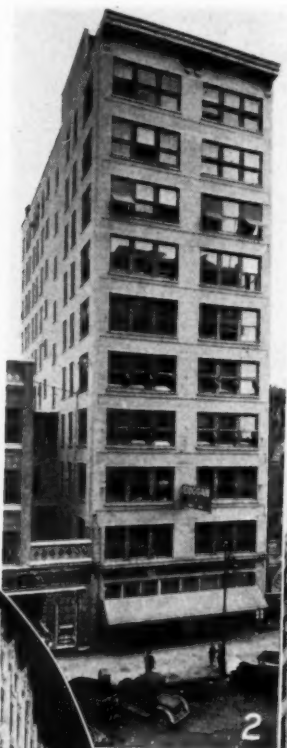
"He readily agreed and a year or two later, when I had an opportunity to make an investment that I thought would be undoubtedly profitable, I asked him for \$10,000—and then he balked.

"But after about two days of pleading and persuasion, he let me have the money. I had no security to offer, but pledged myself with all the earnestness of youth that if I lost in the venture, I could work it out in about five years.

"Ten thousand dollars for a boy 24, without security in 1898, was a pretty liberal loan. But the investment proved profitable and the notes were liquidated according to the agreement.

"And so I give Mr. Ferris credit for my start in a financial way. I believe he has helped more men in Texas than any

(Continued on page 90)



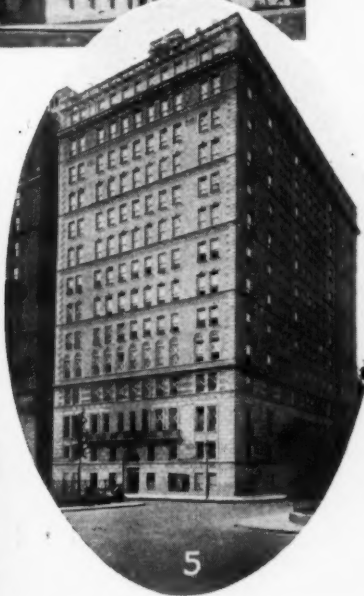
BUILDINGS CONSTRUCTED, OWNED AND OPERATED IN HOUSTON BY JESSE H. JONES.
 1. Bankers Mortgage Building. 2. Goggan Building. 3. Bristol Hotel. 4. Store and office building under construction corner Main Street and Rusk Ave. 5. Chamber of Commerce and Majestic Theater Building. 6. Mason, Foster and Gulf Buildings.



BUILDINGS CONSTRUCTED, OWNED AND OPERATED IN HOUSTON BY JESSE H. JONES.
 1. Kirby Building. 2. Electric Building. 3. Loew Theater and office building. 4. Lamar Hotel and Metropolitan Theater.
 5. Chronicle Building.



BUILDINGS CONSTRUCTED, OWNED AND OPERATED IN FORT WORTH AND DALLAS BY JESSE H JONES.
 1. Medical Arts Building, Fort Worth. 2. Campbell Hotel, Dallas. 3. Melba Theater, Dallas. 4. Worth Hotel and Theater Building, Fort Worth.



BUILDINGS CONSTRUCTED, OWNED AND OPERATED IN NEW YORK CITY BY JESSE H. JONES AND ASSOCIATES.
 1. Two Hundred Madison Avenue. 2. Mayfair House, 610 Park Avenue, apartment hotel. 3. 1158 Fifth Avenue, co-operative apartments.
 4. 950 Fifth Avenue, co-operative apartments. 5. 812 Park Avenue, co-operative apartments. 6. 44-story
 store and office building under construction at 10 East 40th Street.

(Continued from page 85)

other dozen bankers, and I would rather be a Royal A. Ferris in the banking world than any man that I know."

So it was in Dallas that Jesse Jones got his start, showing at that time how sound were his ideas of constructive financing. After being manager of the M. T. Jones Lumber Company at Dallas for three years, in 1898, at the age of 24, he was made General Manager of the company, and in that capacity successfully directed the affairs of the company for seven years, operating several large yellow pine sawmills and many retail lumber yards in Texas and Oklahoma. It was when he became General Manager that he moved to Houston.

From this time on things moved rapidly. In 1902 he organized the South Texas Lumber Company, which under his direction as president, grew to be one of the large line yard companies of Texas and Oklahoma. In 1905 Mr. Jones organized and became president of the Southern Loan & Investment Company, the corporate name of which was later changed to Jesse H. Jones & Company. In 1909 the Texas Trust Company was organized with Mr. Jones as president. This company was consolidated in 1911 with the Bankers Trust Company, Mr. Jones holding the position of Chairman of the Board until 1920 when the Bankers Trust Company was succeeded by the Bankers Mortgage Company, of which institution he is now Chairman and President.

In 1912 the Houston Hotel Association, Inc., was organized with Mr. Jones as President and principal owner. This corporation built and operates the Rice Hotel, a magnificent hostelry of 1000 rooms.

During the European War Mr. Jones performed important public service as Director General of the Department of Military Relief of the American Red Cross, to which position he was appointed in July, 1917, later becoming a member of the Red Cross War Council. In 1919 he was a delegate with Henry P. Davison at Paris, Cannes and Geneva in organizing the League of Red Cross Societies.

It was immediately after the war that one of the most amusing incidents in his whole life occurred. Mr. Jones was in London while President Wilson was a guest at Buckingham Palace. It was cold and raining at the time and his hotel was cold. He had been ordering wood for an open fire and it had been brought to him piecemeal, in true London fashion, until he was chilled to the bone. He decided to hunt up the President and called at Buckingham Palace, only to learn that the President had gone out with the King. He chatted for a while with some of the secretaries, then suddenly caught sight of a huge open fire at the end of the large hall. Nothing loath, he made his way to the fireplace and proceeded to warm up, turning first one side and then another to the cheery, welcome blaze until finally he was warmed through for the first time since he arrived in London—all but his feet. So he sat down and took off his shoes and proceeded to thaw out his feet, when a door opened and King George and President Wilson entered the room. He jumped to his feet and stood, hoping he would not be noticed, but President Wilson saw him and immediately came over to greet him. So while never presented at Court, Mr. Jones has toasted his toes at a King's fireside. Rear Admiral Cary T. Grayson, personal physician of President Wilson, is the authority for this story.

In 1923 Mr. Jones organized and became president of the Jesse H. Jones Company, and in the same year the Houston Properties Corporation of New York was organized, of which company he is the president and principal owner. In New York he has built five large buildings, and the sixth is now under construction, a 44-story store and office building at 10 East 40th street. Since 1924 Mr. Jones has served as director of finance of the Democratic National Committee.

From my window in the Rice Hotel I can see the steel structure of his latest building in Houston—a 35-story building, the tallest in the South, which will be the home of the

National Bank of Commerce, one of the large financial institutions in Houston, of which Mr. Jones became the president in 1922. In Houston alone there are more than 30 structures built, owned and operated by this man. If the buildings owned by Jesse Jones on Main street in Houston were removed overnight the business portion of the city would look as if an earthquake had struck.

Not content with building skyscrapers, in 1926 Mr. Jones became owner of the Houston Chronicle Publishing Company, publisher of the Houston Chronicle, one of the largest and foremost newspapers in the South.

Jesse Jones claims he is not a public speaker, but in this as in other things, when the job is in front of him he tackles it, studies it, and masters it. In the spring of 1925 he was invited to deliver the Baccalaureate Address at Southwestern University. He had never made a speech, so he promptly dictated a polite letter declining the honor. However, before the letter was dispatched a good friend called to see him and the letter of invitation was shown. "Of course you will accept," said his friend. Mr. Jones remained firm in his decision not to make that speech, but the matter was postponed until after luncheon, and at the luncheon table this wise friend and Mrs. Jones carried the election, with the result that a second letter was written accepting the invitation.

When asked something about it, Mr. Jones said: "I simply talked of the things that I thought the young men and women would want to hear about." The speech—The Elements of Success—has called forth enthusiastic comment from leading educators and business men all over the country, among them, Chief Justice William Howard Taft, Dr. Livingston Farrand, President of Cornell University; Dr. Edgar Odell, President of Rice Institute; John W. Davis, Charles M. Schwab, and Judge Robert S. Lovett.

There were no quotations in this speech, not a borrowed word. It was the original thought of Jesse Jones, based upon an unusual understanding of human nature, and expressed in simple rugged English, without any striving for oratorical effect, and yet a masterpiece of oratory. In reading it one sees the reason why this man has achieved such colossal success, for he but preached what he has practiced.

Southwestern University, Georgetown, Texas, conferred upon him the degree of Doctor of Laws in 1925, and the same degree was conferred upon him by the Southern Methodist University of Dallas, Texas, in 1927. Mr. Jones is a member of the Methodist Church.

In its session at Beaumont on May 23, the Texas Democratic Convention endorsed Mr. Jones for the Presidency of the United States. In reply thereto Mr. Jones expressed his appreciation and stated that he was not a candidate for anything except the confidence, the respect and the good will of the people among whom he lives. Further, he pledged himself to serve the party in whatever capacity his service would be of greatest benefit to the people.

To meet this man and talk with him is an inspiration. I asked him what, next to his respect, confidence and admiration for his father and his acquaintance with Woodrow Wilson, had been the outstanding influence in his life, and he answered: "A sense of responsibility for the confidence people have placed in me."

In that you have the keynote of his life—A Sense of Responsibility. Understanding that, you know why it was possible for him twenty years ago to borrow millions of dollars in New York, Chicago, St. Louis and at home without security, why all those associated with him have confidence in him and in his leadership, why he can successfully meet the leading bankers and captains of industry and can command the respect and admiration of presidents and world characters.

Truly, here is a man whom, not only Texas, but the whole Nation should delight to honor.

Houston's Great Convention Hall Completed in Record Time.

Interesting structural details are embodied in the great auditorium which has been constructed in Houston, Texas, to house the Democratic Convention, meeting there this month. The structure is built entirely of wood, and is one of the largest in the world using a wood type of construction. The roof of the auditorium is particularly interesting, being of the "lamella" type, consisting of diamond-shaped or lattice network of diagonal members built up of dimension stock on edge, to form a woven-wood arch. The seating capacity is 25,000.

Construction of the auditorium has attracted the attention of builders and engineers throughout the country. Southern pine was used exclusively. The center span of the building is 120 by 326 feet, with a height of 57 feet above the floor. The side spans are 76 by 285 feet. The entire roof structure, covering a floor area of 80,000 square feet, is supported by 12 long-leaf timber columns 14 by 14 inches, 38 feet long, each supporting an approximate roof area of 6600 square feet. At each end of the building are small areas covered with flat roofs. The center span is made of pieces of long-leaf pine, 3 by 14 inches by 12 feet long, and the side spans are made of pieces 2 by 10 inches, 9 feet long.

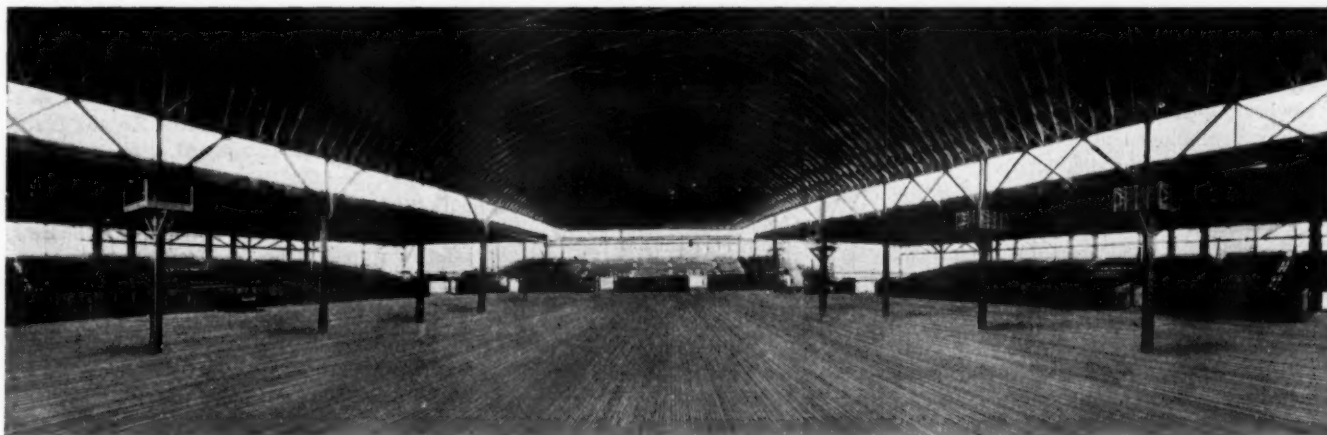
The lamella trussless roof is constructed through a combination of two principles—that of the arch and that of a network. This permits the use of short, uniform pieces of lumber called "lamellas." The lamellas for one roof are all of the same size, and there are right and left lamellas, all of which are drilled at each end and at the center. The roof

is constructed by bolting the lamellas together with steel bolts fitted with special spring washers.

The magnitude of the task is shown in the fact that the main roof structure required 2060 timbers 3 by 14 inches by 12 feet, and the two side roofs necessitated the use of 3728 pieces of 2 by 10 inch by 9 foot pieces. Arch spread is taken care of by steel rods extending across the 120-foot span and the 76-foot spans. All material for the roofs was hoisted by a rear-crawler type Universal crane, an 8 by 8 inch timber having been attached to the boom in order to reach the highest point of the roof.

Economy in the cost of materials, in time and labor was given as an explanation of the choice of this type of construction. The entire roof construction was completed 18 days ahead of schedule and within 27 days of the receipt of the order. Nine days were required to erect the lamellas. Almost a mile of standard gauge railroad was laid within the hall, and on this movable scaffolds were run to facilitate erection of the lamellas.

Plans and specifications for the convention hall were prepared by Kenneth Franzheim, architect, New York, and W. A. Dowdy, city architect, Houston. The roof was designed by W. Klingenberg, chief engineer, Lamella Roof Syndicate, Inc., New York, and George L. Kelly, chief engineer, Lamella Trussless Roof Company, Inc., Houston. Construction was under the supervision of Robert J. Cummins, consulting engineer, Houston. General contractor was the Universal Construction Company, Houston. A. C. Finn, architect, Houston, acted in an advisory capacity.



INTERIOR OF HOUSTON AUDITORIUM, SHOWING WOVEN-WOOD ROOF OF CENTER SPAN.

Co-Operative Advertising Plan for Texas Life Insurance Companies.

Many life insurance companies of Texas have embarked upon a three-year co-operative advertising program, with an appropriation increasing yearly. The assessments are based on the premium increase of the various companies.

"Since the first advertisement appeared," writes L. A. Jacobs, Director of Public Relations of the Southland Life Insurance Co., whose president, Harry L. Seay, fostered the plan at the last meeting of the Texas Life Insurance Association, at Houston, "several companies have signified their intention to join in the undertaking to bring Texas life insurance companies before the people of the State."

There are 24 legal reserve life insurance companies in Texas. The story, as told in the advertisement, shows the part played by Texas life insurance companies in upbuilding the State by their investments in the securities of construc-

tion projects, that stimulate business and industry and aid the home-owner and farmer to secure funds for property improvements. Through their influence a million and a half people in the South are learning thrift, enjoying protection and acquiring personal estates.

McComb, Miss., Plans Extensive Improvements.

McComb, Miss.—Henry A. Mentz, Hammond, La., has been engaged as consulting engineer for a number of municipal improvements for this city, including a street paving program calling for 75,000 square yards. The Mayor and Board of Selectmen have adopted standard specifications embracing cement-concrete, sheet asphalt and brick surfacing. Plans are also being prepared for sidewalk improvements to cost \$40,000; additional storm drainage, \$30,000, and sub-surface drainage to cost \$25,000. The board is also considering motorizing and improving the water system at a cost of \$75,000.

How 30,000 Berry Pickers Are Housed and Paid.

By (Miss) SIDNEY SNOOK, Paducah, Ky.

Approximately 30,000 pickers are at work in the strawberry fields of growers enrolled in the McCracken County Growers' Association this season. This number, it was estimated by the association, would be required to handle the crop from the 4700 acres pledged to the association for co-operative shipment. Not all of these are what might be termed professional berry pickers; the number includes the farm owners and members of the household. Practically every strawberry grower has his wife and children picking berries. Thousands of McCracken county school children are picking this season. Some pickers go out from the city to the fields, and many others have come into the western Kentucky counties from outside points for the harvest.

Six pickers to the acre is the general average. Payment is at the rate of 80 cents a crate, as fixed by the association. A first-class worker is able to pick six or seven crates a day while the exceptional picker may chalk up even more.

Most of the pickers are boarded in the county. In some sections, the farmers have placed tents and the army of pickers sleeps and prepares its meals there. In countless other instances, they are given sleeping and cooking quarters in tenant houses on the farms. Again, they are boarded in the farmer's home. The rate of board charged is \$2.50 a week. In cases where the picker's are not boarded at the berry fields; either in tents, tenant houses, or in the farm home, they are transported from Paducah to the patches. Every morning, truck loads of pickers are moved from the city into the country and are brought back into the city at night. Some trucks are operated cooperatively by a number of farmers in a certain community. In other cases, the farmers, individually, send trucks for their pickers; and again, other pickers arrange for their own transportation. Moving through the country at present, it is not unusual for one to see the white tents that mark the camping grounds of the army of strawberry pickers.

Many unemployed miners from the coal fields of Southern Illinois come into the district to aid in the harvest, and there are a number of pickers who follow the crop up from the South, going into the new fields as the old are harvested.

Baltimore Bank Celebrates Sixtieth Anniversary—To Remodel Building.

On June 8 the National Central Bank of Baltimore will celebrate its 60th anniversary. Incorporated in 1868 as a savings institution in the office of the "Wecker," a German newspaper of Baltimore, the name was changed from the German Savings Bank to the German Bank of Baltimore in 1874 and became a commercial bank, and on May 1, 1918, the bank amended its charter and changed its name to the National Central Bank of Baltimore after due compliance with the National Bank Act. Wm. E. Katenkamp, who became head of the institution in 1926, is the fourth president since the bank's establishment 60 years ago.

The bank's present building will soon be remodeled and enlarged in order to give additional space for increasing business.

Largest Electric Ship to Be Launched.

The Virginia of the Panama-Pacific Line will supplant the California of the same line as the largest electric driven ship ever built when she is launched in August at the yards of the Newport News (Va.) Shipbuilding Company. According to engineers of the General Electric Company, the Virginia will be a duplicate of the California in most details, but will measure 613 feet over all, as compared with 601 feet for the

California, and will accommodate 801 passengers, as against 751 carried by her rival. The propulsion plant of the Virginia will consist of General Electric turbine-electric drive and electric-driven auxiliary machinery.

The launching of the California in October, 1927, was hailed as an important event in American shipbuilding, and her splendid record since she entered the intercoastal service established her as the outstanding American ship outside the group in the transatlantic service.

Exhibits at Good Roads Show.

Des Moines, Iowa, June 2—[Special.]—Among the exhibits at the United States Good Roads Show, held here this week, were: Monarch tractor, by the Allis-Chalmers Manufacturing Company, Milwaukee, Wis.; specimens of paving, by the American Vibrolithic Corporation, Des Moines; model of a blast-hole drill and a bit dresser, by the Armstrong Manufacturing Company, Waterloo, Iowa; four types of tractors, one with rubber tread, made by the Caterpillar Tractor Company, San Leandro, Cal., and Peoria, Ill., and several trucks manufactured by the Chevrolet Motor Company, with dump bodies made by the Anthony Company, Streator, Ill. Other exhibits included a "Little David" truck, by the Douglas Truck Manufacturing Company, Omaha, Neb., also manufacturer of the Douglas six-wheel truck; a wheel-load scale with a capacity of 15,000 pounds, by Fairbanks, Morse & Co., Chicago, and model of crusher, by the Universal Crusher Company, Cedar Rapids, Iowa.

All About Abilene, Tex.

Natural resources and other advantages and attractions of Abilene, Tex., and its area are set forth in a booklet prepared by Warren A. Crowley, analyst, for the industrial department of the Abilene Chamber of Commerce, and entitled, "Industrial Survey of Abilene and Its Trade District." Among subjects discussed are various phases of population in the trade territory, value of crop production, industrial development of the city, civic refinement, freight figures, scholastic census and transportation facilities and services. Also, with charts and maps, are found the proximity of consuming markets, farm land and tenure, dairy cattle, poultry development, assessed valuations, weather information, business firms, newspapers, local and state legislation, housing conditions and labor. The booklet is filled with important and interesting information, attractively presented.

Bids Invited on \$300,000 Hotel.

Myrtle Beach, S. C.—Johnson & Brannan, architects, Lynchburg, Va., receive bids June 12 for the erection of the proposed Ocean Forest Hotel here to cost about \$300,000. The following contractors are estimating: Southern Ferro Concrete Company, Atlanta, Ga.; Gallivan Building Company, Morris McCoy Building Company and Fiske-Carter Construction Company, all of Greenville, S. C.; Hunkin-Conkey Construction Company, John P. Little & Sons and J. J. McDevitt Company, all of Charlotte, N. C.; Southern Builders, Inc., Florence, S. C., and the Angle-Blackford Company, Greensboro, N. C.

Southern Textile Association to Hold Fall Meeting During Textile Exposition Week at Greenville.

J. M. Gregg, Secretary of the Southern Textile Association, announces that the fall Convention of the Association will be held in Greenville, S. C., October 19, at the time of the Southern Textile Exposition. Headquarters of the Association will be at Polinsett Hotel and the Southern Textile Exposition will be staged, as heretofore, in the Textile Hall and annex.

A New Note in Community Advertising.

DALLAS GOES BEYOND CORPORATION LIMITS TO TELL THE STORY OF THE GREAT SOUTHWEST.

By WELLINGTON BRINK, Dallas.

America is to become acquainted with a new and important trademark, Industrial Dallas, Inc. Over this signature the country will be told about the wide-lapped Southwest and about a lusty young city which is there being fast nurtured to greatness.

Industrial Dallas, Inc., is sponsoring a three-year advertising program which is in some respects unique. Other communities have advertised. But not all of them have guarded quite so carefully against over-enthusiasm. Not all of them have let the picture they painted extend beyond the town limits. Not all of them have been willing to build to the benefit of their neighbors as well as themselves.

The Dallas advertising appropriation was easily raised. The first objective was \$450,000, and it was quickly reached; \$500,000 was passed. The momentum was such that a million, it is freely granted, could comfortably have been obtained. The conservative-

ness that was responsible for liberality on the part of hard-headed business men was not, however, abandoned with super-victory in sight. Dallas was content to try its advertising experiment on a moderate scale. Rah-rah methods so conspicuous for their absence from the funds drive will continue to be conspicuous by being carefully omitted from the advertising itself.

Industrial Dallas, Inc., is basing its "copy" on surveys made by two of the leading firms of their kind in the United States, Lockwood, Greene & Company and Chas. T. Main & Company. Their reports set forth what Dallas has today, and suggest 18 or 20 immediate opportunities for industrial expansion.

"Our desire is not haphazard accretion of manufacturing enterprises," says R. L. Thornton, president of a Dallas bank and chairman of the Executive Committee of Industrial Dallas, Inc. "We want only the kind of industry that will make good here.

"Ten years ago markets were national. Today the unit market is the thing. The unit market is in harmony with the decentralization process. The Federal Government recognized the unit market when it began issuing charts depicting trade activities in the several principal zones of the country. And business generally is learning to think in terms of this market. A unit market may be described as a certain section that in the main uses a certain type of commodity. Cotton planters, for instance, sell all over the South but not at all in Minnesota and Wisconsin.

"This might appropriately be designated the New Day Market. No business is coming to Dallas unless its sponsors

If readers of the MANUFACTURERS RECORD want to know just how and why Texas is doing such wonderful things, and why the spirit of co-operation is revolutionizing that state, they can find much to inspire them in the following story as to the great publicity campaign that has been inaugurated by Dallas. For this purpose \$500,000 has been subscribed, and as much more could be had, so it is said, if desired. The method of advertising, the way in which it is proposed to avoid any statement that is not backed by the research investigations of concerns that make a business of industrial and business surveys; the way in which the daily papers of Dallas will handle this campaign, and all other features of this work are worthy of study. In it every community in the South, large or small, can find lessons for guidance. Not all communities can carry on so great an advertising campaign; not all communities can develop in the way that Dallas is doing; but in all communities a spirit of co-operation, of friendship, of enthusiasm, of broad vision, can be developed if the right people in every community will take hold of it. They may at times have critics; they may have some kickers, as that is always the case; but the live man goes on and achieves, while the kickers gradually die out.—Editor MANUFACTURERS RECORD.

are convinced that it will be able to make sales all over the Southwest. That is why we are advertising the Southwest, not merely the city itself. It is a mistaken idea that this city and this section are in need of additional capital. Capital, we bankers know, seeks the truth. We regard it as good business to advertise the Dallas situation precisely as it exists, without adornment. Money trails executive ability. And what we need down here, more than money, are people, facilities and direction.

"Cities and countries are only fit for people to use. People sell. People buy. People want opportunities. It is just as logical to sell a country as to sell a commodity. The business men of Dallas believe that city resources are as susceptible to advertising as anything else. We have certain raw materials. We have a favorable labor supply. We have abundant power at low cost. We have 12,000,000 consumers within our trade

area. And this, the unit market in which reside these consumers, does a \$6,000,000,000 business every year."

Many older sections of the United States are overcrowded. Competition is keen. Economic pressure is increasing. Conditions have changed greatly in the last few years, so that enterprises that were once profitable have become losing propositions. Consuming centers have shifted. Labor in some places has become increasingly temperamental. Living costs have risen. Something must be done; new locations must be sought. It is natural to ask, as we contemplate the crushing economics on the Atlantic seaboard, "How are people to find a way out? Where will they go? What will they do?" Stripping our minds of all but simple facts as we know them, we are forced to the conclusion that millions must find their destinies in the section of which Dallas is the hub.

The head of a small manufacturing institution recently was talking in this very vein. "Back there in the East," said he, "there is no place for the small manufacturing business. There have been consolidations and mergers in large numbers. Development has proceeded so far that small operations no longer are successful. It is either merge or fail. I did not care to merge, and I did not care to fail—so I came to Dallas where people are more my size."

"One of the significant features of Dallas citizenship is the faith of conservative business men in the future of the city and in the opportunities to be found in the Southwest," states John W. Carpenter, electric power company head and member of the executive committee of Industrial Dallas, Inc. "Their contacts with merchants of smaller towns roundabout give

them an inside knowledge of what is behind the tremendous growth enjoyed by the city. No one knows better than they do the warmth of good-will directed toward the larger skyline. Dallas is fortunate in possessing civic leadership, and more and more the entire Southwest, as is natural, is attaching itself to this same leadership." Mr. Carpenter is chairman of Governor Dan Moody's Texas Industrial Committee, one of the self-imposed duties of which is to frustrate blue sky schemes and to invalidate wildcat operations before they start. The committee's policy is to proceed carefully with State development, avoid mistakes and build solidly. More cotton mills and balanced farming to include a proper amount of dairying are among the committee's chief interests at this time.

The other member of the administrative group of Industrial Dallas, Inc., is Frank P. Holland, Jr., publisher, and for 25 years active in making Texas better known to the Nation. "We want only those industries which will serve our market and which our market will serve," he declares epigrammatically. "If a business contemplates moving to Dallas, and indications are that it will not succeed here, we shall be frank to say so. Failure profits neither Dallas nor any other city. Seven hundred forty-two individuals and firms put up the money to do this advertising for 12,000,000 people residing in Texas, Arkansas, Oklahoma and Louisiana. It is not money wasted, we believe. On the contrary, we expect the investment to help in the development of these States, to aid in the establishment of good-will, and, as an inevitable by-product, to develop Dallas itself more than any narrower program of advertising could possibly do. Dallas and the Southwest are dependent upon each other. We cannot draw a line between them."

Full-page advertising is scheduled for the Saturday Evening Post, the Literary Digest and Nation's Business; Barron's, Commerce and Finance, and Forbes; MANUFACTURERS RECORD, Sales Management, and Traffic World. Sundry trade papers will be used to reach specific industries covered in the Lockwood, Greene & Company report, for immediate prospects. The first of these full pages were published in May.

Reproductions of advertisements are sent, simultaneously with their appearance, to live lists of business men who are tied up in one way or another with industries for which special opportunities are open in Dallas. Should these men not happen to see the magazine ads themselves, they do not, therefore, miss the message they convey. If they do see the magazine presentations, the reprints serve further to impress them on their minds.

Stickers calling attention to current Dallas advertising are being furnished in large quantities to local business men desiring them for use on outgoing mail.

Early in the magazine campaign readers are told of the availability of seven pieces of "fact" literature: 1. General Market Map; 2. Market Analysis of the Southwest; 3. Serving the Southwest from Dallas; 4. Manufacturing Facilities; 5. Dallas as a City in Which to Live; 6. Growth of Dallas; 7. Texas Corporation Laws.

Two very important angles of the Industrial Dallas, Inc., plan have to do with keeping the home town sold on the idea and in consolidating Dallas advantages throughout the Dallas trade territory. Every day for approximately 100 days each of four Dallas newspapers will carry brief descriptions of local industries, regardless of whether or not these industries are among the contributors to the advertising fund. In this way some 400 Dallas business enterprises will be given valuable free publicity. Every Sunday for 52 weeks two columns of newspaper advertising will be used to list Dallas factories and catalog their output. As much of this directory will be printed at an instalment as the space will allow, and when the 2s have been reached and passed, the As will be taken up again. The idea is to get the small-town merchant into the

habit of buying goods from Dallas rather than from more distant points.

Regular reports are rendered to underwriters of the campaign. By letter and through the press the cheerful financiers of the program are kept cheerful. They are encouraged in their conviction that advertising Dallas is the best investment they have ever made.

Modern merchandising methods prevail. Dallas is placing itself on the counter. And Dallas is advertising only what it has to sell. Dallas is using the trademark system, signing to her story a signature standing for sound, safe and sane business men who live in Dallas, prosper in Dallas, and believe in Dallas. Dallas is not stopping with but a single chapter of this story. What has made the city in the past and is making the city today undoubtedly will make the city in the future. That means that the Southwest, the \$6,000,000,000 unit market, the 12,000,000 souls who live and buy and labor, must be heralded to the world. For the destinies of Dallas and the Southwest are one and inseparable, now and forever. Business men long have recognized the alliance, and today they proudly proclaim it on the unchallengeable authority of Industrial Dallas, Inc.

Sub-Contracts on \$1,062,000 Addition to Telephone Building.

The Swenson Construction Company, of Kansas City, Mo., general contractor for the erection of a 13-story addition to the 14-story building in that city, of the Southwestern Bell Telephone Company, advises that sub-contracts have been awarded as follows:

Bronze revolving doors—Atchison Revolving Door Company, Independence, Kans.
Dahlstrom elevator fronts and hollow metal swing doors and trim—Sears & Plou, St. Louis.
Erection of reinforcing steel and wire mesh—Charles D. Schnelle, Kansas City.
Lightning conductors—Arrow Conductor Corporation, Chicago.
Mail chute and boxes—Cutler Mail Chute Company, Rochester, N. Y.
Metal moveable partitions—The Mills Company, Cleveland, Ohio.
Metal windows—Voigtmann Metal Window Corporation, Kalamazoo, Mich.
Millwork and cabinet trim—Uhrich Millwork, Ltd., Independence, Kans.
Ornamental and miscellaneous iron and bronze—Wisconsin Ornamental Iron and Bronze Company, Milwaukee.
Reinforcing steel, wire mesh, etc.—Concrete Steel Company, New York.
Sheet metal work—Kornbrodt Kornice Company, Kansas City.
Terra Cotta—Northwestern Terra Cotta Company, Chicago.
Terrazzo floors—International Terra Cotta and Mosaic Floor Tile Company, Kansas City.

Necessary wrecking has been completed to permit the erection of steel and this work is now in progress. Hoyt, Price & Barnes of Kansas City, are the architects and I. R. Timlin, St. Louis, associate architect.

Contractor for \$460,000 Medical Building.

Springfield, Mo.—General contract for the erection of the \$460,000 Medical Arts Building here has been awarded to Louis J. Haenni, Dallas, Tex., and it is thought construction will soon begin. The building will be 8 stories, to contain about 100 suites and offices, and will be provided with an auditorium, clinic and laboratory, emergency hospital, compressed air equipment, special water, lighting and wiring systems. Heckenlively & Mark of Springfield, are the architects.

Chief of Bureau of Dairy Industry.

Prof. Ollie E. Reed, head of the dairy husbandry division of the Michigan State College of Agriculture, has been appointed chief of the Bureau of Dairy Industry of the United States Department of Agriculture. He will take up his duties in Washington about September 1. The position has been vacant since the first of the year when Dr. C. W. Larson resigned to become director of the National Dairy Council.

Better Handling and Marketing of Florida Citrus Fruit Planned.

Jacksonville, Fla., May 31.—Incorporation of the Florida United Growers, Inc., for the marketing of Florida agricultural products, with the headquarters in Jacksonville and general field offices throughout the producing districts, has been announced, with the following incorporators: J. C. Penney of New York and Miami, president of the J. C. Penney Company; Edward W. Lane, chairman of the board of the Atlantic National Bank, Jacksonville; Walter F. Coachman, Sr., of Jacksonville and Lake Placid; Burdette G. Lewis, vice-president of the J. C. Penney-Gwinn Corporation, Penney Farms; O. Fletcher Gardner, Lake Placid, general manager of the Lake Placid Corporation.

The incorporators have announced that the corporation will handle citrus and vegetable products. In the course of a statement, they added that the organization is a Florida business corporation complying with the Capper-Volstead co-operative marketing statutes and that all earnings in excess of 8 per cent not held in growers reserves are to be returned to the growers as a patronage dividend. The Federal Department of Agriculture recommendations for Florida comprehended a growers clearing house and a second growers co-operative. As explained by Judge Allen E. Walker and Merton E. Corey, president and organization campaign manager, respectively, of the Citrus Growers Clearing House:

"Some growers who desire the clearing house are embarrassed because of contracts with advances from certain shippers who have not yet determined to sign the shipper's contract with the clearing house association. Both because we believe the growers should be freed from any obligations which impair their freedom to sign the growers contract and because it is earnestly desired that the clearing houses' control of the fruit should be much greater than 60 per cent, we deem it important that such growers shall be afforded facilities for refunding their obligations to such shippers as shall not contract with the association. In view of the great importance of the clearing house to the general business and banking interests of this State, we are calling attention to this difficulty in the hope and belief that they will co-operate with us in solving this problem.

"Growers not under contract obligations to shippers through whom they have heretofore shipped have already signed up a heavy tonnage. This will, of course, this year, be shipped through such shippers as contract with the clearing house. We earnestly hope that they may be able to utilize the services of their preferred shippers."

Florida United Growers will meet this call for help. As the incorporators put it:

"It will have a thoroughly experienced marketing organization and adequate capital. It will make advances to the growers of good fruit. This new co-operative has signed the shippers contract recommended by the United States Department for use by the growers clearing house. It will urge its grower members to sign the growers clearing house contract. It will co-operate with the citrus exchange and other agencies who have joined the clearing house in supporting a proper organization of clearing house advisory committees; in selecting a clearing house manager of the highest type who is also in sympathy with growers co-operatives, and will support the clearing house main objectives of establishing standardization of grade and pack, nation-wide advertising and reasonable control over the flow of Florida fruit into the markets of the world.

"The group of men and interests supporting this program recognize that real co-operation, instead of destructive competition, is an imperative need, if Florida is to be in a position properly to market the 1928-29 citrus crop, which promises to be the largest Florida has ever known. In such a situation, narrow selfishness, personal bickering and destructive criticism are not helpful.

"We confidently believe that the Citrus Exchange and members of the growers clearing house and the various shippers, especially those who are also growers, promptly will get together for the benefit of all Florida. The railroads, the steamship lines, the banks, business concerns and men and

women in all walks of life have united as never before, determined to achieve a new position for Florida by putting her citrus industry in shape to meet competitors on reasonable grounds, and to avoid trade wars and destructive competition."

For \$1,500,000 Causeway Across Lake Sabine.

Port Arthur, Tex.—A bill authorizing the construction of a \$1,500,000 causeway across Lake Sabine has been approved by President Coolidge and W. L. McKee, in whose name the permit was granted, announces that he expects to have the project completed within a year. The causeway will connect this city with Cameron Parish, La., and will be approximately 6 miles in length, built on piling and having an asphalt topping.

\$600,000 Church Building for Nashville.

The West End Methodist Church of Nashville, Tenn., Dr. George Stoves, pastor, has recently awarded general contract to the Rock City Construction Company, Nashville, for the erection of a \$250,000 Sunday school building, the first unit of a \$600,000 church, for which Donald W. Southgate of Nashville is architect. It will be of Gothic architecture and sandstone construction, the material to be quarried at Crab Orchard, Tenn., and will occupy an entire block on West End avenue, between Louise and Twenty-third avenues.



A NASHVILLE CHURCH UNDER CONSTRUCTION.

Engineering details will be handled by Francis B. Warfield of the architect's staff.

The general shape of the building will be that of an inverted U, with a cloister of five bays connecting the opening or front side of the court, the Sunday school section making up the right or east wing and the rear or north wing, while the church proper will make the left or west wing. The latter will contain galleries on the east and west transepts, as well as a balcony over the entrance vestibule, the auditorium to have a seating capacity of 1,400, including a choir of 50 voices. Provision has been made for a chapel to the rear of the west transept and in close communication with the nave of the church, for the use of small gatherings and for overflow seating on special occasions. A dining room to seat 400 will be provided, as will kitchen and service rooms, gymnasium, locker rooms and showers. The pastor's study will be in the Sunday school building at the rear of the court and above this will be a library. Members of the building committee include John W. Barton, chairman; C. A. Craig, A. B. Benedict and Allen H. Meadors.

PRESIDENT SIGNS BILL FOR 15 STATE OWNED TOLL BRIDGES IN ALABAMA.

Construction to Begin Promptly on Structures to Be Financed by \$5,000,000 Bond Issue.

Montgomery, Ala.—Signing by President Coolidge of the bill authorizing the construction by the State of 16 highway toll bridges that will form indispensable links in a number of important roads has removed the last obstacle to the actual carrying out of these projects, construction on which is to begin at the earliest possible date. Surveys for the structures have been practically completed and work on plans and specifications which has been under way for some time will now be rushed.

The Alabama State Bridge Corporation, which will finance and direct the bridge construction, recently completed its organization and disposed of all preliminaries and is now functioning. It is composed of the State Highway Director, the president of the State Board of Administration, and the chairman of the State Tax Commission, and is authorized to issue and sell bonds in an amount not exceeding \$5,000,000 to furnish funds for erecting the bridges. No bonds are to be issued, however, until plans for all the bridges in the program as now planned are completed. After the structures are completed and opened to traffic they will remain toll bridges only as long as is required to pay the interest and principal of the bonds issued and will then become free bridges.

H. H. Houk, bridge engineer of the State Highway Commission, will have charge of the work for the corporation.

The Seventieth Congress authorized the construction of nearly 200 bridges over navigable rivers in almost every section of the country. Alabama led in the number of bridges authorized, with Tennessee a close second. A number of permits were also issued for bridging the Ohio River and some for bridges on the Pacific slope.

Atlanta Bank Opens Personal Loan Department.

The Atlanta & Lowry National Bank of Atlanta in opening a "Personal Loan Department," following the lead of the National City Bank of New York, is the first national bank in the South to take such action. Loans of from \$50 to \$1000 will be made to individuals, at a discount of 6 per cent in lieu of interest, such loans to be repaid by depositing in the bank's savings department monthly payments to repay the loan at maturity with a maximum of 12 months. Interest on the deposits will be paid to the borrower at the rate of 3½ per cent.

The Atlanta & Lowry National Bank is affiliated with the Trust Company of Georgia and has combined capital, surplus and undivided profits of more than \$12,000,000.

Charlotte News to Build Modern Plant.

Charlotte, N. C.—Plans have been prepared by Lockwood, Greene & Company, Inc., and general contract awarded to the Goode Construction Company, both of Charlotte, for the erection of a new building for the News Publishing Company, of which W. C. Dowd, Jr., is president. Present plans call for remodeling the building at Church and Fourth streets and the construction of a two-story building adjoining and made

into one, the completed structure to be 85 by 90 feet. It will be of concrete and steel, with Indiana limestone front, and so designed that four additional stories may be added later. The plant will be used for publishing the Charlotte News and will cost complete, exclusive of equipment, about \$250,000.

Increased Carbon Black Output—Louisiana Center of Industry.

A new record for the production of carbon black in the United States was established in 1927, when the total output amounted to 198,429,000 pounds, states the Bureau of Mines. This represents an increase over the 1926 output of 17,853,000 pounds, or 9.9 per cent, and a value at the plants of \$10,955,000.

Louisiana, or more specifically, the Monroe district, easily maintained its position as the center of carbon black production, although the total production of the State declined from 130,377,000 pounds in 1926 to 124,188,000 pounds in 1927. To Texas belongs the major credit for the record output of 1927, producing 56,396,000 pounds, an increase from 1926 of over 20,000,000 pounds. Production in Kentucky and West Virginia continued to decline; production of Montana and Wyoming to increase. Utah produced for the first time in 1927, with an output of nearly 1,000,000 pounds.

No change of consequence was noted in the recovery of carbon black from the natural gas burned. In 1927 the consumption of natural gas for carbon black purposes was 144,087,000,000 cubic feet and the average yield was 1.4 pounds per M cubic feet, the same as in 1926.

Southern Appalachian Power Conference at Atlanta in October.

Considerable preparation has already been made for the fourth meeting of the Southern Appalachian Power Conference, to be held at the Atlanta Biltmore Hotel, Atlanta, Ga., on October 8, 9 and 10, 1928.

One subject to be particularly stressed is "Electrification of Farms and Rural Sections." This will be discussed by Governor L. G. Hardman of Georgia, who has three large farms in the State operated almost entirely by electrical equipment; and by Dr. Andrew M. Soule, president of the Georgia College of Agriculture. Secretary Jardine of the Department of Agriculture has been invited to attend and discuss the subject, as have also the Commissioners of Agriculture of the several states interested.

Plans are under way for a complete exhibit of electrical apparatus and equipment suitable for use on farms and in rural sections. It is expected that all this apparatus will be in operation so visitors can see practical demonstrations of the equipment. The farm agents and home demonstration agents of the several counties are being urged to attend.

"The Future of Small Hydro-electric Plants" and the "Development of Small Water Powers" are subjects being considered and should be of particular interest to farmers and residents of rural sections. "Rates Charged for Power" is a subject in which all consumers are interested and it is hoped that it can be discussed from several angles such as "Effectiveness in Regulating Rates Through Public Utility Commissions"; "Basis for Determining Rates"; and "Rate Structure."

It is believed that the interconnection of power lines is necessary in the interest of efficiency and economy in the development and utilization of power, and considerable thought will be given to this subject and to the question, "Does Such Interconnection Mean Power Combine?" Power legislation will also be discussed.

An innovation at the Atlanta meeting will be a question box.

Problems of Property Management to Be Discussed at National Convention of Real Estate Boards, Louisville.

Traffic volume has a distinct relation to real estate use in a retail district. Transportation facilities have a relation to department store sales. What this relationship is, reduced to terms of real estate value, will be discussed by the National Association of Real Estate Boards at its coming annual convention at Louisville, Ky., June 19-22.

E. J. McIlraith, staff engineer of the Chicago Surface Lines, will open this discussion, to be held by the Property Management Division of the Association. Vacancy, in a business building or in an apartment building, is a building sickness which has a cure in proper management. What the cure is will be a second topic for the Division's convention conference.

What the tenants of an apartment building expect of a manager will be outlined by I. Sidney Jenkins, Louisville, Ky.

Charles P. Marks, vice-president of Jemison and Company, Birmingham, Ala., will talk on costs of operating apartment buildings.

Carlton Schultz, of Carlton Schultz, Inc., Cleveland, will talk on creative property management for retail properties. James W. Bellanger of Gordon Strong and Company, Chicago, will follow Mr. Schultz on the same topic.

H. Findlay French, director of the Baltimore Industrial Bureau, will address the division on creative property management for industrial properties. Leo G. Varty of John R. Magill and Company, Chicago, will follow in a further discussion of this topic.

Oreon E. Scott of Oreon E. and R. G. Scott, St. Louis, will speak on creative property management for apartment house properties. W. Edwin Blair of Blair, Inc., Philadelphia, will discuss points opened by Mr. Scott.

How to work out rental schedules will be discussed by Andrew Steers of the Metropolitan Building Company, Seattle.

George W. Klein of Klein and Kuhn, Inc., Indianapolis, will talk on the growing importance of property management as the function of a real estate specialist. Walter S. Schmidt, president of the Frederick A. Schmidt Company, Cincinnati, will open further discussion of this topic.

2380-Acre Residential Development Under Way.

Oklahoma City, Okla.—Plans have been made by G. A. Nichols, Inc., for a highly restricted home development here to embrace 2,380 acres. Engineers are now platting sites, streets, parks and other features, preparatory to putting the property on the market. It is expected that construction will start on at least 40 homes as soon as plats are available, the development to involve the construction of two golf courses, \$100,000 clubhouse, lakes, parks, bridle paths, polo field, airplane landing field, greenhouses, nursery, and possibly a large apartment house with California type cottages. A business district will be provided with wide streets, theater and other facilities. Nearly 10,000 Chinese elms have been planted on the property and the company is making plans to plant a similar number of trees this fall, 8 to 10 inches in diameter.

To Finance Improvements for Homes.

Dallas, Tex., May 30—[Special.]—Extension of building and loan association activities to the financing of improvements for homes, as well as for purchase or building, is planned as an outcome of the recent convention here of the United States League of Local Building and Loan Associations, described as representing 12,900 such organizations. As explained by President Otto T. Salick of Milwaukee, Wis.:

"Home rehabilitation will open up a field for millions of

dollars worth of additional loans which at present are needed to reduce the volume of idle money in the associations' banks."

Secretary H. F. Cellarius of Cincinnati, Ohio, in his report pointed out that mutual savings banks of the United States increased their total deposits \$499,595,000 during 1927 and building and loan associations increased their deposits \$844,458,644 during the same period. Only 21 of the 12,900 associations failed during the year, and the loss of \$1,013,000 was less than one-tenth of 1 per cent of the total assets of \$7,178,562,451.

Production and Consumption of Refined Primary Lead—South Furnishes 47 Per Cent of Output.

The output of refined primary lead in the United States from domestic ore, amounted in 1927 to 668,320 short tons, valued at \$84,210,000, reports the Bureau of Mines. The production was nearly 2 per cent less than in 1926 and the value was 23 per cent less. The greater percentage of decrease in the value of lead produced was due to the decrease in the average selling value of lead from 8.0 cents a pound in 1926 to 6.3 cents in 1927. The production of refined lead from foreign ore, principally from Mexico, amounted to 128,210 short tons, an increase of 8 per cent over the production in 1926.

Over 30 per cent of the lead produced from domestic ore was from Missouri, nearly 23 per cent from Utah, about 22 per cent came from Idaho, and about 10 per cent from Oklahoma. The production in the South was 278,803 tons, or over 47 per cent of the country's total.

The apparent consumption of refined primary lead in the United States in 1927 amounted to about 663,000 short tons, as compared with about 718,000 tons in 1926.

\$1,600,000 Asbestos Shingle Plant for Houston.

Houston, Tex.—This city has been selected by Eternit, Inc., of Philadelphia, Pa., as the location of a \$1,600,000 asbestos shingle plant and construction will begin as soon as negotiations for a site have been consummated. The Houston plant will be similar to the St. Louis plant of Eternit, Inc., which was completed about 18 months ago. Asbestos fiber will be imported to Houston for the use of the plant. The company will operate its own cement grinding plant in connection with its manufacture of asbestos shingles and sheathing. Adequate truckage facilities will facilitate the distribution of products in every section of the Southwest. B. T. Conwell of Philadelphia, is president of Eternit, Inc., in America, the parent company operating seven plants in this country and Europe.

\$15,000,000 Federal Hospital Measure Approved.

Washington, D. C.—A bill sponsored in the House of Representatives by Mrs. Edith Nourse Rogers of Massachusetts, and authorizing an appropriation of \$15,000,000 for additional hospital facilities for the care of World War veterans, has been approved by the President. It empowers the director of the veterans' bureau to enlarge present facilities or to build new hospitals. An item in the bill carries an appropriation of \$600,000 for a new hospital at Atlanta to replace Base Hospital No. 48, providing for 200 beds, while appropriations have also been made for other Southern work, including facilities of Oteen, N. C.; Little Rock, Ark.; Tuskegee, Ala., and Alexandria, La., and a \$1,000,000 hospital in Kentucky.

100-Ton Cold Storage Plant for Knoxville.

The Atlantic Ice & Cold Storage Company of Atlanta, Ga., announces the construction this year of a 100-ton cold storage plant at Knoxville, Tenn., of approximately 200,000 cubic feet. Machinery will probably be electrically-driven.

Florida Fertilizer Plant Under Construction.

Tampa, Fla.—The Gulf Fertilizer Company has awarded contract to the Austin Company, Cleveland, Ohio, for the construction of a \$165,000 concrete and steel plant here. The building will be 306 by 161 feet. The central part of the main building, 196 by 161 feet, will be the first portion erected and is expected to be completed about August 1.

Bid for Foundation of \$10,000,000 Building.

Washington, D. C.—The F. W. Mark Construction Company, Philadelphia, Pa., has submitted the low bid at \$607,700, for building the foundations of the proposed \$10,000,000 building here for the United States Bureau of Internal Revenue. The structure will be 450 by 400 feet, 5 stories to the entablature, with a sixth story back of the roof balustrade. Edw. H. Bennett of Chicago, is the consulting architect.

\$500,000 Addition for Joplin, Mo., Hotel.

Joplin, Mo.—The Allis Building Company has awarded contract to the C. A. Dieter Construction Company, Joplin, for the erection of a \$500,000 addition to the Conner Hotel here, including \$100,000 for furnishings. The addition will be 120 by 41 feet and 60 by 50 feet, 9 stories. Alonzo Gentry is the architect and Cook & White, engineers, both of Kansas City, Mo.

Stove Companies Merge at Huntington.

Huntington, W. Va.—The Armstrong Manufacturing Company and the New Era Range Company have merged as the Armstrong Electric & Manufacturing Corporation, with its main plant here. The new company will have an authorized capital stock of 15,000 shares of preferred, \$100 par value, and 165,000 shares of no par value stock. It will manufacture stoves and ranges. D. E. Spence is president and E. O. Miller, secretary and treasurer, both of New York.

Charlotte Improvements to Cost More Than \$1,000,000.

Charlotte, N. C.—To carry out Charlotte's improvement program for 1928, the city commissioners have tentatively agreed upon a \$1,000,000 bond ordinance, with which to finance the project, and to include \$600,000 for paving and storm sewers, \$75,000 for sanitary sewers, \$75,000 for underpasses and the elimination of grade crossings, \$150,000 for street widening and property damage and \$100,000 for extension of water service. In addition to the \$1,000,000 to be authorized by the bond ordinance, the commissioners plan to issue \$125,000 of bonds at the same time for fire stations.

Plans Refinery and Pipe Line in West Texas.

Pecos City, Tex.—The Burford Oil Company of Texas has been organized by interests identified with the Crystal Oil Refining Corporation, Shreveport, La., for the construction of a pipe line and \$650,000 oil refinery here. F. W. Burford, vice-president and general manager of the Crystal Oil Refining Company, which operates two refineries at Shreveport, has been named as president of the new company. The proposed refinery will have a crude oil capacity of 5000 barrels per day and in addition, it is planned to install a 1500-barrel Jenkins cracking unit to operate with gas oil. The Graver Corporation, East Chicago, Ind., has contract for the refinery and construction is expected to begin about July 1. A 6-inch pipe line is now under construction from the Hendricks pool in Winkler County to Pecos City, which will be owned jointly by the Burford Oil Company and the Skelly Oil Company of Tulsa, Okla.

Production of High-Alumina Slags for Manufacture of Alumina Cement—South Offers Opportunities Because of Available Raw Materials.

The production in the blast furnace of high alumina slags for the manufacture of alumina cement forms the subject of an investigation recently conducted by the Bureau of Mines, at its North Central Experiment Station, Minneapolis. There seems little doubt, states the report, as to the feasibility of operating a blast furnace on a charge of bauxite, limestone, and iron ore, so as to produce a substantial amount of iron and a slag which falls within the range of composition of alumina cements. The iron oxide in slag made in a blast furnace would differ from alumina cements made by simple fusion of raw materials because most of the iron in the bauxite would be reduced to the metallic state in the blast furnace and recovered under proper conditions as low-sulphur metal. One object of the experiment, conducted by the Bureau of Mines in co-operation with the Aluminum Company of America, was to determine whether the so-called Pedersen process can be applied to the blast furnace. This process consists of smelting a charge of bauxite, iron ore, and limestone, and results in two products. One is a slag containing about 50 per cent of oxide of aluminum, and is intended for use in manufacturing aluminum, and the other is iron low in sulphur.

Blast-furnace slag is now recognized as a satisfactory and economical raw material for making Portland cement. Alumina cement can be made direct in the blast furnace. Its physical character would have to be changed by grinding, but no change in its chemical composition would be necessary. Raw materials and technical details connected with the manufacture of alumina cement and Portland cement differ markedly. Most of the alumina cement is made by secret or patented processes involving partial or complete fusion of the raw materials.

In considering the cost of operating a blast furnace to produce alumina cement the geographical location of the furnace is important. Due to the advantage of obtaining cheap imported bauxite, cost estimates made by the Bureau of Mines have assumed that the furnace site is along the North Atlantic Coast. The Bureau's preliminary cost study indicates that 1 ton of metal and 1 to 1½ tons of slag can be produced in the blast furnace for about \$25 to \$30, allowing no credit for surplus gas. If 1 ton of alumina cement is worth \$30 and 1 ton of pig iron \$20 the combined value of these two products would be \$50, which leaves an attractive margin for grinding the slag, marketing costs, and profit. In addition to the value of the cement and iron produced, a substantial credit for the surplus gas could be obtained in industrial centers or particularly in steel plants.

For the location of a furnace for the use of this process, localities where limestone, bauxite, coke, and scrap can be assembled obviously have a preference for economic reasons. Attention, therefore, turns at once to the Southern States. The successful beneficiation of high-silica bauxites, a problem under investigation by the Bureau of Mines at its Southern Experiment Station, would make large tonnages of low-grade bauxite available for the manufacture of aluminum as well as alumina cement.

Further details regarding this matter are given in Serial 2869, copies of which may be obtained from the Bureau of Mines, Washington.

Kellar & Goldsmith, Washington, D. C., have plans by George T. Santmyers, Washington, for a \$200,000 five-story apartment building in that city.

IRON, STEEL AND METAL MARKET

Seasonal Decline in Steel Activity.

Pittsburgh, June 4—[Special.]—The steel trade continues to grow quieter, but this is a seasonal movement, and even with recent losses it is more active than at this date last year. The peak of activity was reached somewhat later this year. The recession to date is quite mild and it promises to continue so, there being no doubt of course that demand will continue decreasing into July as usual.

In March and April steel production averaged 89 per cent of capacity while last month may be estimated at 85 per cent. Setting June at 70 per cent, for the sake of argument a lower figure than should be forecast, the half-year's steel production would still be 4 per cent above that in the first half of last year and $2\frac{1}{2}$ per cent above that in the first half of 1926, thus far the record half-year.

In several important lines of steel consumption there have been losses from last year or the year before, showing that other lines of consumption have had substantial gains. While automobile production is slightly ahead of last year, the figures for the first four months show a 12 per cent decrease from the same period of 1926. Building of freight cars and locomotives has been somewhat lighter than in either of the last two years. Drilling for oil and gas is lighter than last year and much lighter than in 1926. On the other hand, there has been a large gain in agricultural implement consumption of steel, and some gain thus far in fabricated structural steel, while there must be gains in numerous unidentified lines of consumption to account for all the steel moving.

Fabricated structural steel lettings were exceptionally heavy in the first three months of the year, while they have since been tapering off rather sharply, whereby the large lead acquired has been practically lost. Lettings in the year to date simply sustain the average rate in the last three years.

While automobile production has gained only slightly over last year and is well behind its 1926 pace, it is better sustained at this date than in other years, the usual seasonal decrease promising to be small. Ford production increases and other makers will be out of production, in connection with new models, to a less extent than formerly.

There has been much comment in the trade over Mr. Schwab's presidential address at the recent American Iron and Steel Institute meeting, in which the claim was made that the steel industry is making only about 5 per cent on its investment, only a little better than can be done with a savings bank deposit. The industry regards itself as suffering from too much competition, which is not referable to its percentage rate of engagement of capacity since some industries have much lower rates. One reason is that in the old days steel prices advanced automatically, by buyers overfilling the mills with orders for extended deliveries. Now they do not do that, and the steel industry has to face problems in merchandising that were not formerly thrust upon it.

Mills have announced third quarter contract prices on bars, shapes and plates at 1.90c Pittsburgh and corresponding figures at other basing points, the market lately having been 1.85c both on current sales and second quarter contracts. Cold finished bar makers have reaffirmed their price of 2.20c Pittsburgh for third quarter contracts. Strip makers are seeking advances of \$2 a ton but in open trading their market has recently weakened. Sheet prices are perhaps a shade easier. Current asking prices on wire products are not seriously tested as old engagements are still a factor. Foundry pig iron at valley furnaces is off 25 cents, following recent 50-cent declines in Bessemer and basic, making the market now \$17 on Bessemer and foundry and \$16 on basic, f. o. b. valley furnaces.

Metals in General at Higher Prices—Tin at New Low.

New York, June 4—[Special.]—The most striking development in the metals trade the past week was the reaching of a new low level for the year in tin, and this at a time when the general trend of the metals is upward. By Thursday tin was selling at 49 $\frac{7}{8}$ c per pound, as against the former low price of 50c. The fact that the quotation has left the 50's is perhaps of more influence on sentiment than the fact that a new low for the year has been attained. The tin market is more subject to whims, fancies and superstitions than the market of any other metal. This is partly due to the fact that the bulk of tin is produced in Far Eastern countries, where business methods are not of the soundest. Again, tin being the most highly speculative metal, it is easily subjected to influences outside the realm of economics. The recent drop in price recalls the prediction made six weeks ago by an eminent tin authority to the effect that the average price over the next two years would be 45c per pound.

Lead was the most buoyant of the metals, the price having been advanced another \$2 per ton, a total rise of \$4 in the current movement. Zinc is barely holding to higher levels recently attained. Antimony continues weak at around 10 $\frac{1}{2}$ c per pound, which is 1c per pound lower than a month ago. Silver has reacted from the skyrocketing of the price a week ago, current prices being around 61c per ounce instead of 63c. Copper is more quiet after its spectacular performance.

Holidays interfered with the metals business, as with other business. Practically all European markets were closed on Monday because of the Whitsuntide holiday. Memorial Day in this country caused one less business day.

Although the steel industry is experiencing a seasonal slump just now, production for the first five months of the year was a new high record for any similar period. That building operations are expected to hold up for the next several months is indicated by several developments, such as the statistical reports of building contracts let, the raising of prices of radiators and the amount of structural steel in sight and to come out in the form of bids soon. This indicates that certain non-ferrous metals will be consumed on a large scale in the form of hardware, plumbing and paints (of which metals are the base). Automobile manufacture has plainly passed the peak, though the decline is gradual.

Mergers continue among metal producers and consumers. Two large automobile companies merged during the week and another merger is said to be in the negotiation stage. Three makers of copper products in wire and cable form have been merged, the new concern to be known as the National Electric Products Corporation. This will be one of the largest consumers of refined copper in the country. Such mergers will supposedly tend to stabilize the prices of the metals.

Copper prices at the close of the week were the same as for the week before, or 14 $\frac{1}{4}$ c, delivered to the Connecticut Valley and 15c c.i.f. European ports. Purchasing has been back to normal in volume after the feverish flurry of the preceding two weeks. Producers have practically sold out their June and July production. The bulk of bookings has, therefore, been for August. Late in the week some September copper was sold for the first time. The scarcity of copper has been made conspicuous in several ways. Producers state they have been approached by many small consumers who never bought from them before. They had previously bought from dealers who made concessions of $2\frac{1}{2}$ to 5 points. Now these dealers have been stripped of prompt copper and the

small users appeal direct to producers and haggle for the same price concessions they had secured previously. Naturally, producers do not grant these concessions, for dealers have never been any too popular with the producers.

The current export copper quotation is the highest since February, 1925, and the domestic price is highest since November, 1926. Chief interest now centers on whether these prices will hold. Production will doubtless be increased, yet it will take four months for the expanded production to come upon the market. The copper trade was divided on the matter of raising prices this last time.

The revival in the lead market had been expected for several weeks. The New York price is now 6.30c per pound, New York, and 6.15c to 6.20c, East St. Louis. Consumers are showing the most interest in several weeks and are buying for future delivery. The long spell of dullness plus favorable statistics was responsible. The zinc market is steady but still quiet. Prices are the same as a week ago at 6 1/4c, East St. Louis, while the price of ore is still \$40 per ton. Ore reserves in the tri-State district are dwindling, but have still far to go to make a healthy situation. The steel industry is using less zinc than earlier this year. Buying of tin has been heavy on the series of price dips. Despite the low prices, statistics have been favorable. American tin deliveries in May were 5335 tons, or 2000 tons less than expected, which should prove a decidedly bullish influence.

Steady Operation at Birmingham—Some Big Foundry Contracts Being Filled for a Virginia Plant—Others in Prospect for Sugar Work and Other Interests.

Birmingham, Ala., June 4—[Special.]—Delivery of pig iron will continue active through the month, the price base is firm, \$16 still being asked for No. 2 foundry, and sales being consummated. All buying is in small lots. For a couple of weeks it has been noticeable that a slight difference set in in the aggregate business. However, the turn of the month has shown there will be continued buying at least through the month and there will be further reduction of surplus foundry iron. While no formal announcement is made of orders for third quarter delivery, there is reiteration that there will be necessity for iron indefinitely. Several of the steady melters have orders in hand and in sight which will warrant active production right along.

Cast iron pressure pipe makers, radiator shops and a few others have business on books and in sight which warrants steady operation, the radiator shops making equipment every day in the week except Sunday. The pressure pipe shops on the whole are operating around 80 per cent and there is a strong shipment. Judging by the amount of pressure pipe now being moved considerable development is under way throughout the country. A few new lettings are reported so that the unfilled tonnage is still in good shape. Quotations on pressure pipe are on a \$31 to \$33 per ton base, six-inch and over sizes, the latter price asked on less than car lots.

Machine shops and foundries are not very active but some big contracts are being worked on or under delivery. The Joubert-Goslin Machine & Foundry Co. are moving the three evaporators for the Atmospheric Nitrogen Corporation at Hopewell, Va., these machines weighing a total of 300 tons, being 15 feet in diameter and about 40 feet tall. This is the first contract filled on the immense project at Hopewell, the development to cost ultimately it is estimated around \$120,000,000. Birmingham foundries and machine shops are hopeful there will be other such work coming this way. The sugar industry of Louisiana is again placing some work in

the district and bidding is being done on the big paper mill requirements, under construction at Tuscaloosa, Ala., and other big plants in the South. Julius Goslin, of the Joubert-Goslin Company, after a study of conditions and prospects, expresses the opinion that there are probabilities of research work developing along extensive lines and anticipates the need of much machinery production in sugar, heavy chemical and other lines, including cotton seed oil.

Smaller consumers of pig iron, stove foundries, etc., are anticipating a steady market, stock having been made up for the present season. Soil pipe industry is still feeling the effect of keen competition and some overproduction.

Much progress is being made in developments in the blast furnace field. Rebuilding of the No. 1 city furnace of the Sloss-Sheffield Steel & Iron Company is assuming shape, the shell now being well above ground. The Tennessee Coal, Iron & Railroad Company is expected to blow in one of its 600-ton blast furnaces at Fairfield during the third week this month. The second will be ready in a short while.

Eleven blast furnaces are making foundry iron in Alabama, five are on basic iron and two on special brand iron. Seventeen open hearth furnaces out of 23 are producing steel. There is a little demand for plate but other heavy shapes are not so active. Smaller shapes of steel are being rolled steadily and shipments are good. Rail is not moving to any extent but good demand is felt for railroad accessories. Cotton ties are being produced in quantity. Tank shops are quite active, with good demand for smaller and larger sizes. The oil fields of the Southwest are taking storage tanks from this district and throughout the Southern territory the development of the filling station business is calling for varied sizes of tanks.

Coal mining trade continues slow, many of the mines, and some of them sizeable, operating but two and three days a week and the more active places not averaging much over four or five days a week. Production is down to about 350,000 tons. Improvements and betterments continue. The new mines of the Southeastern Coal Co., at Gorgas, in Walker county, at the site of the new steam power plant being built by the Alabama Power Company, will have a daily output of 2500 tons by the first part of next year. Coal from this mine will be used exclusively in the power plant, as are the 1600 tons daily being produced in the present power plant of Gorgas. The Cane Creek Coal Mining Company is now rushing completion of its coal washer, the steel screening machinery being in full operation. Together with new installation of electric motors and other equipment in the mine, this company has expended \$200,000. The Brilliant Coal Company has completed a coal washer at its Calumet mines and the Stith Coal Company will build a washer at its Bon Air mines. DeBardeleben Coal Corporation has plans for further betterments. Sloss-Sheffield Steel & Iron Company is pushing development of its Flat Top mines and the Montevallo Coal Mining Company is building 50 houses.

Old material prices have given way to the slow market, heavy melting steel selling at \$10.25 per ton, delivered in the home territory. With but few exceptions all price bases have eased off.

FIG-IRON.

No. 2 foundry, 1.75 to 2.25 per cent silicon, f. o. b. furnaces, \$16.00; No. 1 foundry, 2.25 to 2.75 per cent silicon, \$16.50; iron of 2.75 to 3.25 per cent silicon, \$17.00; iron of 3.25 to 3.75 per cent silicon, \$17.50; charcoal iron, f. o. b. furnace, \$29.00.

OLD MATERIAL.

Old steel axles	\$17.00 to \$17.50
Old iron axles	17.00 to 18.00
Old steel rails	11.50 to 12.00
Heavy melting steel	10.25 to 10.75
No. 1 cast	14.00 to 14.25
Stove plate	13.50 to 14.00
No. 1 railroad wrought	9.50 to 10.50
Old car wheels	12.00 to 13.00
Old tramcar wheels	12.50 to 13.00
Machine-shop turnings	8.00 to 9.00
Cast-iron borings	8.00 to 9.00
Cast-iron borings (chem.)	13.00 to 13.50

TEXTILE

New Hosiery Plant for Charlotte.

Charlotte, N. C.—The Hudson Silk Hosiery Company, Inc., of this city, manufacturers of full-fashioned silk hosiery, is having plans prepared by Lockwood, Greene & Company, Inc., Charlotte, for a new plant here and expects soon to award construction contract.

Piedmont Weavers, Incorporated.

Burlington, N. C.—Piedmont Weavers, Inc., have been chartered with an authorized capital stock of \$100,000 to manufacture cotton, rayon and silk yarns. Incorporators include J. Spencer Love, W. J. Carter and Thomas D. Cooper of Burlington.

Plans Progressing on \$50,000,000 Textile Merger.

Charlotte, N. C.—Announcement is made here that plans for the merger of Southern cotton mills, as projected by Flint & Company, New York, are progressing and that details will soon be arranged according to the original program. The merger will affect 150 mills it is said, involving a capital of approximately \$50,000,000. Robert & Company, Inc., of Atlanta, have made a survey and appraisal of mills considered in the consolidation plans.

North Carolina Dyeing Machinery for Germany.

Gastonia, N. C.—A shipment of dyeing machinery was recently made by the Cocker Machine & Foundry Company of this city, to a large dye plant in Germany, following closely shipments of similar equipment to Russia and England. The Cocker company is one of the largest manufacturers of dyeing machinery in the South and has recently contracted to equip plants at Meridian, Miss.; Chattanooga, Tenn., and Philadelphia. It is at present building large dyeing machinery for the Erwin Cotton Mills, West Durham, N. C.

Charter for Adams-Millis Corporation.

High Point, N. C.—Incorporation papers have been filed for the Adams-Millis Corporation consolidating a company of the same name with the Piedmont Mills Company, High Point Hosiery Mills, Inc., Kernersville Knitting Company, Inc., and the Pointer Hosiery Mills, all of High Point. The company will have an authorized capital stock of 17,500 shares of first preferred stock of \$100 par value, 5000 shares of second preferred stock of \$100 par value, and 173,500 shares of common stock of no par value. Incorporators include J. H. Adams, J. E. Millis, J. V. Garrett and others.

Brighton Mills May Move Two Plants South.

Shannon, Ga.—Stockholders of the Brighton Mills, operating plants at Allwood and Passaic, N. J., and as the Southern-Brighton Mills, Shannon, will soon consider a proposal to move the New Jersey plants to Shannon, setting them up as separate units. In a letter to stockholders, directors of the company point out that the New Jersey plants have operated at a loss in recent years, while the Shannon mill has earned good profits and is now operating 55 hours a week. Should the mills be moved South, they are expected to be in operation by July, 1929.

The Lane Cotton Mills Company, New Orleans, La., awarded contract to the Atlanta office of the American Moistening Company, Providence, R. I., to humidify its 4-story carding mill and install humidifiers and humidity control in its main spinning room.

Rapid Industrial Development at Lexington, N. C.

Lexington, N. C.—With the announcement that the Mountcastle Knitting Company will build a plant here, Lexington marks the establishment of its ninth industry in the past ten months. To meet housing requirements, the construction of about 25 dwellings is being actively pushed. A survey of business conditions among merchants indicates that business for the first four months of this year was better than for the same period last year.

Contract for the Mountcastle plant has been awarded to the W. Lee Harbin Construction Company, Lexington, the mill to be equipped initially with 100 Banner knitting machines made by the Hemphill Company, Pawtucket, R. I., with Jacquard attachments, for making misses' fancy hose. The company is capitalized at \$400,000, with Kenneth Mountcastle as president and Holland Shoaf, Lexington, director.

Six South Carolina Mills Merged.

Anderson, S. C.—Stockholders of the Riverside Manufacturing Company, Toxaway Mills, Ladlassie Mills and the Gossett Dyeing and Finishing Company, all of Anderson, and the Williamston Mills of Williamston, S. C., have voted to merge as the Gossett Mills, for the purpose of centralizing management and effecting economies of operation. The Riverside company has a mill at Pendleton, S. C., as well as one here. The six mills operate a total of more than 115,000 spindles and 1800 looms.

Contract for Gaffney Mill Building.

Gaffney, S. C.—Contract for the construction of a new mill building here for the Gaffney Manufacturing Company has been awarded to the Fiske-Carter Construction Company, Greenville, S. C. The building will be 284 by 113 feet, three stories and shafting basement, steel frame with brick walls, wood floors and tar and gravel roof. Lockwood, Greene & Company, Inc., Charlotte, N. C., are the engineers.

Cornelia Cotton Mills Incorporated.

Cornelia, Ga.—The Cornelia Cotton Mills, Inc., have been chartered with a capital stock of \$75,000 to manufacture insulating yarns, 4s to 16s, and will install 2448 spindles in a building being erected by the owners. The plant will employ 70 operatives. Machinery has been purchased from the K. L. Jones Machinery Company, Inc., of Atlanta. A. W. Stubbs is president and manager of the company; M. M. Galloway, vice president, and C. C. Currier, secretary and treasurer.

Full-Fashioned Hosiery Mill for Dallas.

Dallas, Tex.—E. W. Morton and J. O. Davis, both of this city, have purchased a 7-acre site on Maple avenue road for a full-fashioned hosiery mill, to cost about \$250,000, including site and equipment. The plant will begin operating with 12 machines and about 200 operatives, the output to be sold through the Baker Moise Hosiery Company, Dallas.

Laurel Woolen Mills Incorporated.

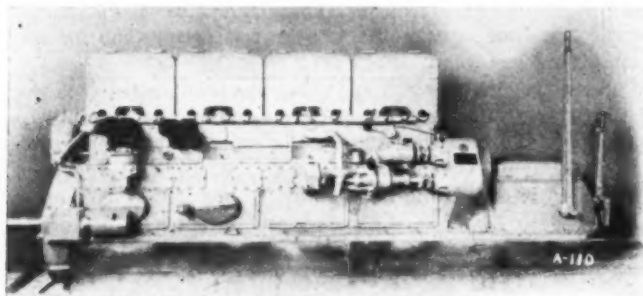
Winchester, Va.—The Laurel Woolen Mills, Inc., have been granted a charter to manufacture woolen cloth. Officers include R. S. Fansler, president, and C. P. McVicar, secretary; L. L. Fansler and F. E. Clark.

The Slater Manufacturing Company, Marietta, S. C., has been authorized to increase its capital stock from \$1,000,000 to \$1,500,000.

NEW AND IMPROVED EQUIPMENT

Large Sterling Gasoline Engines.

A number of large-bore, high-speed and high duty gasoline engines are being constructed at the plant of the Sterling Engine Company, Buffalo, N. Y. These are six and eight-cylinder engines, with 8-inch bore, 9-inch stroke, developing in a six-cylinder model 425 horsepower at 1200 revolutions

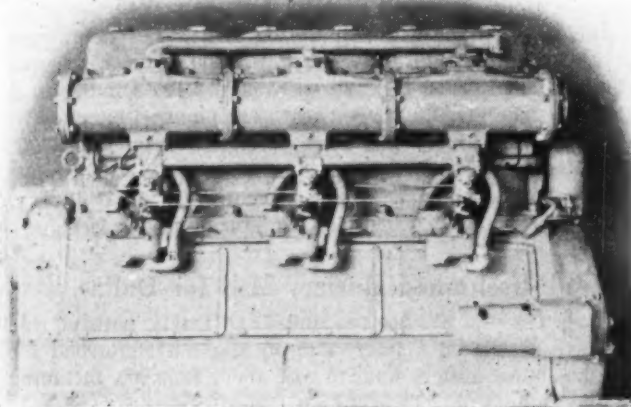


8-CYLINDER ENGINE.

Ignition system consists of four distributors, each firing four spark plugs per cylinder.

and 565 horsepower in the eight-cylinder at 1200 revolutions. Back of the development is a thorough analysis of the fuel situation as it pertains to both oil and gasoline, and the assumption that gasoline engines in large sizes will be continued in increasingly heavy demand as long as the fuel is derived from crude oil.

The new Sterling engines are built with iron crank cases and weigh about 15 pounds per horsepower excluding batteries, but including electric starters and generators. The crank shaft is four inches in diameter, with extra long bearings, having a total effective length of 22¼ inches in the six-cylinder model. These bearings are fitted without shims, and the crankshaft is counter-weighted and dynamically balanced. The cylinder casting is a long water jacket in which the cylinder walls are inserted, and the cylinders project down into the upper crank case, guiding the piston the full length of the stroke, and balancing the gastering near



CARBURETOR SIDE OF 6-CYLINDER ENGINE.

Inlet and exhaust manifolds are integral, the exhaust being water-jacketed with hot spots just above the carburetors.

the center of piston travel. The cylinder heads are made in pairs and can be detached without disconnecting the exhaust line or the fuel piping or manifolds. The combination chamber is fully machined, forming a smooth surface to which carbon does not readily adhere; connecting rods are 18 inches long on centers, with main bearings four inches in diameter, 3½ inches long, oil is carried under pressure up to the piston pin and the cam shaft bearings are oiled under pressure and

the cams continually run in oil. Dual valves are used in the head.

The ignition can be provided for either 12 or 32 volts and consists of four distributors each firing four spark plugs per cylinder. All the plugs are in action, but in the event of one or more systems being down, the remainder would operate the engine. The fuel efficiency on three-quarter to full-load conditions is .65 pounds per brake horsepower per hour.

Self-Cleaning Dreadnaught No. 41.

A new type of burner has been developed by the P. Wall Manufacturing Supply Company, Pittsburgh, Pa., to meet the need for a blow torch burner that would be self-cleaning and



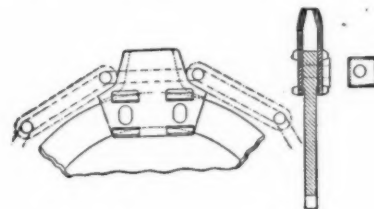
DREADNAUGHT TORCH.

less liable to damage from careless handling or abuse. This burner is said by the manufacturer to be found only on the No. 41 Wall Dreadnaught torch. The burner is of the single needle type. A blunt steel needle passes through the burner orifice and cleans it every time the valve is closed, but it is impossible to enlarge the orifice as the valve closes tightly on its seat before the needle can do any damage. Literature is available and on request to the manufacturer will be sent to those interested.

Expansible Tooth Sprocket.

A device designed to prolong the life of sprocket chain, as well as to sustain maximum efficiency of operation throughout its entire life, has been developed by the Union Chain & Mfg. Co. of Sandusky, Ohio, sprocket chain manufacturers. It is a specially designed expansible sprocket, the teeth of which may be adjusted from time to time to accommodate the natural wear and consequent elongation of the links of a chain.

The sprocket is constructed with adjustable teeth of



VIEW OF ADJUSTABLE TOOTH.

special design. Both sides of the body rim are machined to insure true running and to receive the teeth, which straddle and are firmly clamped to the rim. Turned bolts closely fitted in the rim project through elongated holes in the teeth, the latter being secured relatively to pitch diameter by means of square beveled-edge adjusting blocks fitted between lugs on the teeth; a hole is jig-drilled through the blocks at a point four varying distances from the edges, and when the blocks are mounted on the bolts the pitch diameter of the sprocket is governed by the arrangement of the blocks.

The Elks' Lodge, San Angelo, Tex., Harry Wise, supreme ruler, is having plans prepared by John G. Becker, San Angelo, for a 4-story building, 125 by 90 feet, of brick, tile and concrete, to cost about \$250,000.

CONSTRUCTION DEPARTMENT

EXPLANATORY

Additional information is published about all enterprises mentioned in this department as soon as such data can be obtained.

The date at the end of an item indicates issue of the Manufacturers Record in which earlier facts about the enterprise were published.

DAILY BULLETIN

The Daily Bulletin is published every business day to enable its subscribers to follow up promptly the industrial, commercial, railroad, financial, building and general business development of the South and Southwest. To machinery manufacturers and dealers, contractors, engineers and others who require daily information of every new enterprise organized and details about important additions to enterprises already established, the Daily Bulletin is invaluable. Subscription price, \$30.00 a year.

Airports, Airplane Plants, Etc.

Ark., Fayetteville—City plans \$17,500 bond issue for airport. See Financial News, 5-24

Ark., Hope—Major J. Carroll, Lieut. LeLand R. Hewitt, of 154th Observation Squadron, and others, Little Rock, interested in establishing airport.

Fla., Bradenton—Airport Co., Inc., chartered; H. L. Land, 2108 W. Manatee Ave.

Ga., Barnesville—T. O. Galloway and others interested in establishing airport.

Ky., Frankfort—Kentucky Air Bd., G. Frank Dunn, Chmn., and others interested in establishing airport.

Mo., St. Louis—St. Louis Airways Co., incorporated; Norris R. Fill, 6014 W. Cabanne St., Lyle Garrison, 4253 Swan St., Lieut. Felix Chaudet; acquired 336 acres of land on east side of Mississippi, south of Free Bridge, will establish airport; will also manufacture airplanes.

N. C., Marion—Chamber of Commerce Airport Committee, W. S. Shiflet, Chmn., plans establishing airport.

Okla., Ponca City—City acquired site, F. A. Heberling school quarter, 1½ mi. northwest of city; will establish airport.

Okla., Tulsa—Wm. F. McMurray, of Holway Engineering Co., 15 W. Seventh St., has contract for making topographical survey of site for proposed municipal airport; ½ mi. northeast of Dawson.

Okla., Vinita—Chamber of Commerce will construct airport, 2 mi. northeast of Vinita.

Okla., Woodward—C. O. Hambleton, Pres. of Chamber of Commerce, interested in establishing airport on proposed coast to coast line.

Tenn., Chattanooga—City plans voting in early fall on \$250,000 bonds for airport. See Financial News.

Tex., El Paso—City Council has low bid at \$13,480 from Ware Co., 1614 E. Missouri St., for erecting hangar, from R. E. McKee, at \$7085 for lighting system for municipal airport. 5-10

Va., Langley Field, Ind. Br. of Hampton—Office of Constructing Quartermaster, Fort Monroe, Va., receives bids June 16 for erecting 2 hangars. See Want Section—Bids Asked.

W. Va., Parkersburg—Parkersburg Aero Corp., chartered; Frank Moats, Jr., Guaranty Bldg.

Bridges, Culverts and Viaducts

Proposed Construction

Alabama—President Coolidge signed bill authorizing construction of 15 toll bridges: Across Tennessee River, Whitesburg Ferry; across Tennessee River at or near Gunterville; across Tennessee River, Scottsboro; across Tombigbee River near Butler, near Epps, at or near Gainesville and at or near Cochran; across Warrior River, between Eutaw and Linden, at or near Demopolis; at or near Eutaw; across Alabama River at or near Cleburne, near Camden; across Coosa River at or near Riverside, Cedar Bluff, Childersburg; across Tombigbee River at or near Jackson; State Bridge Corp., Montgomery, composed of State Highway Dir., Pres. State Bd. of Administration, Chmn. State Tax Comm., will finance and direct bridge construction; authorized to issue and sell \$5,000,000 bonds.

Ala., Birmingham—City and Southern Ry. System, J. B. Akers, Asst. to V.-P., Washington, D. C., plan 1050-ft. rein. conc., Twenty-second St. viaduct; 56-ft. roadway, except at north end, which is 45.3 ft. wide; two 12-ft., low level drives from First to Morris Ave., and railroad freight houses; two 4-ft. sidewalks from First Ave. to viaduct; maximum grade 3.7 per cent; A. J. Hawkins, City Engr. 5-3

Ala., Decatur—Maj. Watkins, U. S. Dist. Engr., will hold public hearing June 18 for application of State for toll bridge across Hiwassee River, near Russell Ferry.

Ala., Mobile—Mobile County Bd. of Revenue plans applying to War Dept. for permit to construct 7 bridges across navigable streams: Three Mile Creek, Telegraph road; Dog River, near mouth of stream; Three Mile Creek, Conception St.; Three Mile Creek, Stone St.; Bayou la Batre and Bayou Coden, Bayou la Batre-Coden road.

Ark., Helena—Pres. Coolidge signed bill authorizing construction of Mississippi River Bridge, at or near Helena, by D. T. Hargraves and John W. Dulaney. Recently reported applied for franchise. 5-17

Ark., Little Rock—Missouri Pacific R. R. Co., E. A. Hadley, Ch. Engr., St. Louis, reported, plans 145-ft. rein. conc. bridge over tracks at Cross St. and Lincoln Ave., 90-ft. clear span over tracks; 30-ft. roadway.

Ga., Cairo—Grady County plans overhead bridge near Whigham, where State Route 38 will pass over Atlantic Coast Line R. R.

Ky., Henderson—Henderson Bridge Co., John Worsham, Pres., preparing plans for bridge between Eighth and Twelfth Sts.; Freeland, Roberts & Co., Engrs., Nashville, Tenn.; filed amendment to articles of incorporation of Henderson-Ohio Bridge Co. in county clerk's office for authority to acquire right-of-way and land for approaches to bridges, to construct, maintain and operate toll bridges in U. S. and to sell and assign same, in order to turn over all holdings of Henderson-Ohio River Bridge Co. to Henderson (Ky.) Bridge Co., under charter granted by State of Delaware; will apply for permit from War Dept. soon.

La., Ferriday—Fisher Lumber Corp. granted permit to construct railroad bridge across Tensas River.

La., Starks—Pres. Coolidge signed bill authorizing Louisiana Highway Comm., Baton Rouge, to construct Sabine River Bridge, Starks.

Maryland—State Roads Comm. received low bids for 6 bridges. See Roads, Streets, Paving.

Miss., Aberdeen—Monroe County Bd. of Supvrs. plan \$115,000 for steel bridges. See Financial News.

Miss., Biloxi—State Highway Comm., Jackson, plans receiving bids about middle of June for 1.47 mi. bridge over Biloxi Bay, Biloxi to Ocean Springs; center span 280-ft. long; 20-ft. roadway; foundation of precast conc. piling; conc. surface; \$750,000. 5-3

Mo., St. Louis—Streets and Sewers Committee of Bd. of Aldermen approved bill providing \$118,000 for conc. viaduct across railroad tracks from Lansdowne Ave., between Wabash Ave. and western city limits, to connect with U. S. Highway 66.

N. C., Charlotte—City, Mayor Redd, plans \$75,000 for underpass and grade elimination. See Financial News.

N. C., Edenton—Chowan County considering \$60,000 bridge building. See Financial News.

N. C., Winston-Salem—City plans 70-ft. long, 60-ft. wide rein. conc. bridge over Norfolk and Western Ry. tracks, N. Liberty St.; 6-ft. sidewalks; plans widening Liberty St.; replace present conc. bridge.

Okla., Barnsdall—Midland Valley R. R. Co., C. Kaighn, Ch. Engr., Muskogee, plans conc. bridge about 1 mi. north of Barnsdall; replace wooden bridge.

S. C., Charleston—Seaboard Air Line Ry., W. D. Faucette, Ch. Engr., Savannah, Ga., applied to Maj. N. Y. Du Hamel, U. S. Dist. Engr., Charleston, for permit for fixed span, about 75 ft. west, from west abutment of

drawbridge over Edisto River, 2½ mi. north of Fenwick River; about 12 ft. vertical clearance above high and 17 ft. above low water; 20-ft. horizontal clearance.

Tenn., Clifton—Pres. Coolidge signed bill authorizing bridge across Tennessee River, at or near Clifton, Wayne County, by T. S. Hassell.

Tenn., Knoxville—City, Otto Roehl, Mgr., considering \$750,000 for Tennessee River Bridge at head of Henley St.; \$500,000, bridges in Church and West Fifth Ave. See Financial News.

Tex., Albany—Shackelford County, Richard Dyess, Judge, plans rein. conc. underpass under M. K. & T. Ry., Highway 18; \$26,000.

Tex., Austin—See Roads, Streets, Paving.

Tex., Bryan—Brazos County, H. O. Ferguson, Judge, and Grimes County, Ralph W. Barry, Judge, plan 1 mi. highway, including bridge, from point ½ mi. from Grimes-Brazos County line, across Navasota River, along east side H. & T. C. Ry.; \$90,000.

Tex., Houston—Harris County, Norman Atkinson, Judge, received low bid from C. K. Horton, Box 1294, Houston, \$43,895, for approaches and underpass on Main St. road, West Junction.

Tex., Weslaco—Los Olmos International Bridge Co. plans bridge across Rio Grande River near Weslaco.

Tex., Ysleta—Alex Gonzalez plans \$25,000 bridge across Rio Grande River, Ysleta, connecting Ysleta with Zaragoza, Mexican town.

Va., Halifax—Halifax County, Bd. of Supvrs., E. C. Lacy, Clk., plans receiving bids in about 60 days for steel bridge over Staunton River, Roanoke Magisterial Dist., Abbeville.

Va., Lynchburg—City, R. W. B. Hart, Mgr., received low bid from J. R. Ford, 1223 Floyd St., Lynchburg, \$8243, for conc. bridge over Blackwater Creek, Lexington Turnpike. 5-24

W. Va., Clarksburg—City, D. H. Hamrick, Clk., plans \$60,000 bridge to Point Comfort. See Financial News. 4-26

W. Va., Hinton—War Dept., Washington, approved plans State Road Comm., Charleston, for highway bridge across Greenbrier River, Wiggins, Summers County. 4-26

W. Va., New Cumberland—New Cumberland Bridge Co. plans constructing, maintaining and operating bridge across Ohio River, at or near New Cumberland.

Contracts Awarded

Georgia—State Highway Comm. let contracts for 9 bridges. See Roads, Streets, Paving.

La., Shreveport—Orange Car and Steel Co., Earl F. Dunkle, Gen. Sales Mgr., Orange, Tex., has contract for 390 tons steel for underpass viaduct, at crossing of Kansas Southern and Southern Pacific railroads.

Okla., Oklahoma City—Oklahoma County Commrs. let contracts for 2 culverts: Jim Beaty, \$6190, culvert, west of Britton; Heelman & Sons, \$6722, southwest of Capitol Hill. 5-24

South Carolina—State Highway Comm. let contracts for 7 bridges, 2 underpasses. See Roads, Streets, Paving.

S. C., Chester—State Highway Comm., Columbia, let contract to C. Y. Thomason, Greenwood, \$8417, for 75-ft. rein. conc. bridge over Rocky Creek; widen conc. bridge; construct 12x12-ft. rein. conc. culvert, Grassy Run Creek; all Route 21, between Chester and York Counties.

Texas—State Highway Comm. let contracts for 7 bridges and drainage structures. See Roads, Streets, Paving.

Va., Lynchburg—City, R. W. B. Hart, Mgr., let contract to Whitaker & Garbee, Lewisburg, N. C., \$14,000, for rein. conc. bridge in city.

Canning and Packing Plants

Ark., Stamps—W. F. Akin Canning Co., W. F. Akin, Pres., Seneca, Mo., E. Florence, Stamps; capital \$40,000; erect factory building, tile, 70x120 ft. with loading docks 20x120 ft.; office building 25x40 ft.

Fla., Haines City—Paul H. Smith has contract for packing house for Haines City Citrus Growers Assn.; contracts for wiring and plumbing not let.

Fla., Palmetto—N. J. Marshburn and E. A. Graves, 2308 Clewis Court, both Tampa, establish \$20,000 fruit and vegetable canning plant.

Clayworking Plants

Fla., Orlando—Fireproof Brick and Tile Co., capital \$25,000, incorporated; R. M. Dungan, 1224 Palmer St.

Coal Mines and Coke Ovens

Ala., Birmingham—Brilliant Coal Co., Am. Tr. Bldg., successors to Cane Creek Coal Co., 2124 Fourth Ave., S., constructing 400 ton washery at Calumet mines in Walker County; Chas. C. Stewart Machine Co., representing Elmore Washer Co., washer; Adamson, Boylston & White, Martin Bldg., construction work; Smith-Meadow Supply Co., 1629 Ave. A, furnishing miscellaneous material. 5-31

Md., Baltimore—Carroll Independent Coal Co., Harford Ave. and 25th St., acquired site on 25th St.; plans expending 100,000 in doubling capacity of plant; Wm. S. Austin, Conslt. Engr., Md. Trust Bldg.

Concrete and Cement Plants

Tex., Dallas—Tellyer Concrete Pipe Co., capital \$50,000, incorporated; Harry B. Tellyer, G. L. Briggs.

Tex., San Antonio—J. W. Young, V.-Pres. of Smith Bros. Properties, Inc., 421 S. St. Marys St., soon begin excavating on 800-acre tract for erecting \$2,000,000 cement plant; will form separate corporation.

Cotton Compresses and Gins

Ark., Monette—Phoenix Cotton Oil Co., Vayne Roberts, representing owners, plans 20,000 cotton gin.

La., Epps—Epps Gin Co., Inc., capital \$16,000, incorporated; J. D. Herring, C. V. Hunt, and plumbing not let.

Miss., Clarksdale—Gihner Grocery Co. constructing \$40,000 cotton gin and number of buildings, will install modern machinery, including six 80-saw Munger system gin, capacity 100 bales daily; J. F. Sims, Contr.

Miss., Natchez—Independent Gin Co., W. E. Elder, constructing gin on Homochitto St., four 80-saw Lummus automatic air-blast outfit; overhead press.

Okla., Binger—Farmers Union Co-Operative Gin, D. C. Costello, Pres., let contract to W. D. Harris, Carnegie, for cotton gin; gin house, 24x84 ft., cotton house, 24x40 ft.; seed house, 24x40 ft.; galv. iron roof; install \$19,232 machinery; Murray Co., 3200 Williams St., Dallas, Tex., Mch. Contrs.

Okla., Duncan—Farmers Union Co-Operative Gin, capital \$25,000, incorporated; M. Shults, S. J. Pinson.

Okla., Elgin—Farmers Union Co-Operative Gin, capital \$25,000, incorporated; T. Ryan, Eugene F. Barrow.

Okla., Olustee—Planters Gin Co., capital \$24,000, incorporated; Tom Moore, J. H. Howard.

Tex., Corpus Christi—Arkansas Compress Co., Port St., offering \$700,000 first mortgage real estate and leasehold serial 6% gold notes through Federal Commerce Trust Co., St. Louis, Mo.; company operates plants in Austin, San Marcos, Robstown, Raymondville, etc.; proceeds to be used for completing second unit at Corpus Christi; pay balance of purchase price on Austin, San Marcos and Elgin plants and retire first mortgage note issue of \$250,000.

Tex., Tankersley—J. A. Reid constructing cotton gin; machinery purchased from Murray-Tips Co., San Jose St., San Antonio.

Cottonseed-Oil Mills

Ark., Memphis—Arkansas-Missouri Gin Co., capital \$500,000, incorporated by H. Highall, Blytheville, and associates, formed by merger of Gins owned by Phoenix Co., East St. Louis Cotton Oil Co., with Gins in Arkansas and Missouri; will increase holdings to about 50 Gins; operate cottonseed mills at Cairp, Jonesboro and Memphis.

Tex., Sealy—Sealy Oil Mill and Mfg. Co. increased capital, \$85,000 to \$100,000.

Drainage, Dredging and Irrigation

Ga., Savannah—U. S. Engr. Office receives bids June 25 for dredging. See Want Section—Bids Asked.

Md., Baltimore—Committee of Rivers and Harbors of House of Representatives approved project for deep-draft anchorage area 1500 ft. wide, 4500 ft. long and uniform 35-ft. depth at mean low water, to be located on northeast side of Fort McHenry channel, just below channel leading to Pennsylvania Grain Elevator No. 3 at lower Canton; will dredge approximately 159 acres, giving room for 3 large ships to anchor in new section, with room for circular swing and 5 or 6 vessels under normal weather conditions when full swing is unnecessary; cost \$507,640 with \$12,000 annually for maintenance, dredging will furnish 4 to 5,000,000 cu. yds. of material for municipal airport and other harbor projects requiring fill; remainder of port program includes main harbor channels, 40 ft. deep and 1000 ft. wide; widening Curtis Bay channel to 400 ft., and removal of Fort McHenry bar.

La., Mandeville—Town receives bids June 13 for dredging channel. See Want Section—Bids Asked.

Miss., Mississippi—Bd. of Commrs. of Abiaca Drainage Dist. of Holmes, Carroll and Leflore Counties, let contract to Winston Dredging Co., Yazoo City, for dredging canal running 2 mi. north of Cruger.

Tex., Bonham—Sulphur Creek Dist. voted \$55,000 bonds to establish drainage district along Sulphur Creek in Fannin, Lamar and Delta counties. See Financial News.

Electric Light and Power

Electric light and power work in connection with many LAND DEVELOPMENT operations involves the expenditure of large sums of money. See that classification for details.

Ala., Tallahassee—Alabama Power Co., Birmingham, let contract to Westinghouse Electric and Mfg. Co., East Pittsburgh, Pa., for two 20,000 kv-a vertical water wheel generators for lower Tallahassee development. 1-12

Ark., Blytheville—Arkansas Missouri Power Co., Farmers Bank and Trust Co. Bldg., advises plan no improvements in connection with new franchise. 5-31

Ark., Hot Springs—Hot Springs Public Utilities, S. E. Dillon, Gen. Mgr., 915 Central St., plans expending \$40,000 for improvements; conc. and steel distribution tower, additional switchboard equipment, feeder cables, reserve oil burning equipment; work under supervision of Sam Headman, Engr. of Federal Light and Traction Co., 52 William St., New York.

Ky., Georgetown—Lexington Utilities Co., Lexington, reported, negotiating for purchase of plant of Georgetown Water, Gas & Electric Power Co.

Ark., Jonesboro—City plans installing white way on Church St.

La., Baton Rouge—W. C. Joubert, 317 Main St., has contract at \$22,973 for installing white way system.

La., Lafayette—City votes July 6 on sale of power plant to Gulf Public Service Co., 1600 Walnut St., Philadelphia, Pa.

Miss., Leland—Fairbanks, Morse & Co., 1000 St. Charles St., New Orleans, La., has contract for 500 h. p. Diesel engine unit for town power plant; Swanson-McGraw, Inc., New Orleans, La., Conslt. Engrs., Balter Bldg. 5-3

Miss., Meridian—City let contract to General Electric Supply Corp., Jackson, for furnishing and installing ornamental post brackets and white way lights.

Miss., Washington—Town negotiating with Southwestern Gas and Electric Co., Shreveport, La., for extension of electric lines.

Mo., Independence—City let contract to Westinghouse Electric and Mfg. Co., East Pittsburgh, Pa., for turbo-generator and condenser, at \$60,500; to Whiting Corp., Harvey, Ill., at \$3010 for 10 ton crane.

Mo., Joplin—City entered into 6 year contract with Empire District Electric Co., 602 Joplin St., for white way system on Joplin St. and W. Fourth St.

Mo., St. Louis—Citizen's Bond Issue Supervisory Committee tentatively approved ordinance for expending \$500,000 for lighting Newstead Ave. district and for lighting of streets to be paved in 1928.

N. C., Huntersville—Southern Public Utilities Co., Charlotte, Kan., reported, negotiating for town's electric system.

Oklahoma—Oklahoma Gas and Electric Co., Oklahoma City, acquired municipally owned distribution system and transmission line at Calera; no material changes contemplated; also acquired franchise in Elmore City; have completed distribution system and transmission line; no light or power plant will be constructed. 5-31

Okla., Woodward—Western Light and Power Co., Salina, Kan., negotiating for city light and water plant.

S. C., Bennettsville—Bennettsville Electric and Water Plant (owned by city) receiving estimates on steam turbine driven and oil engine driven electric generators up to 2000 kw; outfit, together with present plant, will form nucleus for distribution center.

S. C., Lexington—Lexington Water Power Co. let contract to Westinghouse Electric and Mfg. Co., East Pittsburgh, Pa., for four 40,625 kv-a vertical water wheel generators for Saluda River development. 2-16

Tex., Fort Stockton—City contemplates installing 1 mi. white way.

Texas—Texas Utilities Co. and New Mexico Utilities Co., both Planters Bldg., St. Louis, Mo., acquired holdings of Southwestern Public Service Co., Amarillo, Tex., including 14 public utility plants in Amarillo and other towns of Panhandle and Eastern New Mexico.

Tex., Aransas Pass—Aransas Pass-Rockport Light, Ice and Power Co., capital \$125,000, incorporated; J. R. Barry, Hal Parks.

Tex., Cuero—State Board of Engrs., Austin, granted permit to Texas Central Power Co., Frost Natl. Bank Bldg., San Antonio, to erect hydro-electric power dam, 35x300 ft. long across Guadalupe River. 4-22, 1926

Tex., Dodsonville—West Texas Utilities Co., Abilene, construct 6600 volt line from Wellington, 10 mi., with distribution system at Dodsonville.

Tex., LaFeria—City Commrs. plan installing street lights in residential section.

Tex., Plainview—Properties of Community Power and Light Co., Planters Bldg., St. Louis, Mo., in Central Texas merged with those of Texas Utilities Co., Plainview, in panhandle plains of Texas; stockholders of Central Texas Co., voted in favor of merger; properties will be operated under name of Texas Utilities Co.; plan constructing super-power plant later in year.

Tex., San Benito—Central Power and Light Co., Frost Bldg., San Antonio, install turbine of 10,000 kw. capacity in central plant.

Virginia—Virginia-Carolina Power Co., subsidiary of Virginia Electric and Power Co., Richmond, applied to Federal Power Commn., Washington, for permission to construct conc. dam in Roanoke River, Brunswick County, Va. and Warren County, N. C., creating head of 35 ft. and backwater for about 20 mi.; surface area of reservoir about 3500 ft. and estimated storage 500,000,000 cu. ft.; steel and conc. power house will be built with installed capacity of 50,000 h. p.

Va., Hampton—East Coast Utilities Co., Richmond, extending light and power lines into Matthews County.

W. Va., New Martinsville—City plans voting on \$125,000 bonds for electric system.

W. Va., Wheeling—City and Elm Grove interested in white way system in pike community from Elm Court to Springdale.

Flour, Feed and Meal Mills

Tenn., Morristown—Pinnacle Mills erecting 5-story and basement mill building; brick and steel; will connect present flour mill with feed mill.

Foundry and Machine Plants

Alabama—American Radiator Co., Birmingham, reported, considering construction of additional plant in Alabama.

La., Shreveport—W. K. Henderson Iron Works and Supply Co., Ltd., Spring and Fannin Sts., offering \$400,000 first mortgage 6 3/4% serial gold bonds through Whitney-Central Banks, New Orleans, La.

Mo., St. Louis—Kinloch Brass Casting Co., incorporated; Fred S. Henderson, 208 N. Broadway.

Tenn., Memphis—W. T. Rawleigh Medicine Co., 1329 W. Illinois St., receiving bids for plant addition.

Tex., Fort Worth—Fort Worth Machine Co., capital \$20,000, incorporated; G. T. Gale, 1943 Fairmont St.

Tex., Houston—Vulcan Electric Steel Foundry, Inc., Dumble St., chartered; W. H. Houge, F. G. Sowden.

Va., Suffolk — Welding, Machine Shop — Spivey Bros., Inc., Washington and Poplar Sts., capital \$25,000, incorporated; S. S. Spivey.

Gas and Oil Enterprises

Ark., Blytheville—Iowa Gas Co., care J. H. Hawthorne, Trustee, has franchise; begin work in Aug. on artificial gas plant, install mains, etc. 5-17

Fla., Monticello — Owens & Turner, Inc., chartered; Calvin A. Owens, R. J. Turner.

Ga., Hawkinsville — Georgia Petroleum Corp., capital \$50,000, incorporated; T. B. Ragan, J. W. Harris.

Ga., Rockmart—City granted 25 yr. franchise to Thos. H. Adamson; construct pipe line.

Ga., Valdosta—Valdosta Gas Co. plans expending \$30,000 for gas main extensions.

Kentucky — Kentucky Fuel Gas Corp. (under supervision of Hope Engineering and Supply Co., Mount Vernon, Oh.), organized under laws of Delaware, will acquire entire natural gas properties covering more than 67,000 acres, including all equipment of American Rolling Mill Co., in Boyd, Carter and Green Counties; \$4,000,000 first mortgage 6½% sinking fund gold bonds, Series A, with stock purchase privilege and \$1,000,000 10-year convertible 5½% sinking fund gold debentures, with stock purchase privilege; underwritten by Zwetsch, Heinzelman & Co., Inc.; Paul & Co., Philadelphia; Freeman, Smith & Camp Co., San Francisco, Portland and Los Angeles.

Ky., Fort Thomas — Newland Producers Corp., George B. Newland, Charles E. Lester.

Ky., Louisville—Friendship Oil Co., capital \$50,000, incorporated; Attwood R. Martin, Louisville Tr. Bldg.

Mo., Butler—Foundation Oil and Gas Co., Drexel, H. M. Johnson, Pres., construct trunk line Lacynge, Kan., to Butler and other Missouri towns; and air station for boosting. 5-31

N. C., Hickory—City receives bids until July 20 for gas franchise. See Want Section—Bids Asked.

Oklahoma—Consolidated Gas Utilities Co., Ponca City, incorporated under laws of Delaware to acquire properties of Oklahoma Northern Utilities Co., Mid-West Gas Co., Larutan Gas Co., and Oklahoma Northern Gas Co.; company, reported, is a subsidiary of Union Gas and Electric Co., New York.

Okla., Bartlesville—Garland Gas Co., capital \$30,000, incorporated; L. A. Rowland, O. A. Kracer.

Okla., Oklahoma City—Oklahoma Gas and Electric Co., 319 Harvey St., will serve towns of Edmond, Cashion, Yukon and Banner with electric power; lately acquired Belle Isle generating station of Oklahoma Railway Co. 5-31

Tex., Bay City—Houston Natural Gas Co., Houston, install natural gas system.

Tex., Beaumont—W. C. Thorp and C. A. Bushnell acquired Spindle Top Western Oil Co.

Tex., Brenham—Texas Cities Gas Co., Dallas, D. H. Tucker, Ch. Engr., plans improving gas service.

Tex., Channing—Prairie Oil and Gas Co., Bartlesville, Okla., plans piping natural gas into city.

Tex., Clarksville—Lone Star Gas Co., 1913 Wood St., Dallas, considering extending gas mains Paris to here; serve towns of Blossom, Detroit and Begwell.

Tex., Corpus Christi — City granted to George Eggleston, 30 year franchise; construct pipe line in city.

Tex., Hempstead—H. D. Schwarz applied for natural gas franchise.

Tex., Houston—Cockburn Oil Co., incorporated; H. C. Cockburn, R. J. Newton.

Tex., Houston—Houston Oil Co. of Texas, Petroleum Bldg., offering \$8,000,000 ten year sinking fund 5½% convertible gold notes through Mackubin, Goodrich & Co., Baltimore, Md., and Whitaker & Co., St. Louis, Mo.; company owns and develops gas lands in Texas, Western Louisiana, Arkansas, Oklahoma, cracking plant at Camden, Ark., with connecting oil and gas pipe lines; proceeds to be used to retire all outstanding \$6,833,000 Houston Oil Co. of Texas 10 year sinking fund 6½% gold notes which will be called for redemption, to provide further extension of pipe line facilities of affiliated and associated companies and for other corporate purposes. 5-24

Tex., San Angelo—Hemisphere Oil Corp., holding corporation, organized in New York, by W. J. Morris, Youngstown, Ohio; J. G. Farquhar, Benedum-Trees Bldg., Pittsburgh, Pa.; will acquire 1/16 undivided interest in Cottle, Motley, Floyd and Hale Counties;

will also own stock in Metropolitan Royalties Corp., operating in Hendricks, Winkler County, Pecos County, Howard County; will acquire 37,000 acres leases of Royalty Syndicate in West Texas.

Tex., San Marcos—Chamber of Commerce interested in natural gas supply system for city.

Tex., Texline—Dalhart Gas Co., Dalhart, plans natural gas pipeline.

West Virginia—Aizpuru Oil and Gas Co., Bridgeport, acquired 900 acres land, gas wells and other pumping equipment in Ritchie and Tyler Counties from Ritchie Natural Oil and Gas Co.

W. Va., Bridgeport—Gainer Farm Oil and Gas Co., capital \$25,000, incorporated; W. E. Dunkin, J. Dillon.

Ice and Cold-Storage Plants

Alabama—Middle South Utilities Co., S. R. Morgan, Rector Bldg., Little Rock, Ark., will purchase Selma Ice and Coal Co., Selma; Demopolis Ice and Cold Storage Co., Demopolis; Eutaw Ice and Cold Storage Co., Eutaw; York Ice and Cold Storage Co., York.

Ala., Birmingham—Jefferson Ice Co. formed with A. M. Goldberg, Pres., 918 Linwood Rd., and J. L. Goldberg, Sec.; formerly operated as branch of Alabama Packing Co.; plans merging with other ice plants.

Ark., Fort Smith—United Public Service Co., 100 W. Monroe St., Chicago, acquired Cap E. Bourland Ice and Cold Storage Co., 1010 Grand St.

Ky., Harlan — City Ice and Coal Co., capital \$50,000, incorporated; F. C. Mahan, F. C. Stegall.

La., Abbeville—City Council plans municipal ice plant.

La., Ferriday—Concordia Ice Co. plans rebuilding burned plant.

Tex., Dallas—City Ice Delivery Co., 2834 Haskell St., increased capital, \$80,000 to \$120,000.

Tex., Galveston—Galveston Ice and Cold Storage Co., 109 20th St., will erect plant, 1601 39th St., rein. conc.; Max Roitsch, Contr.

Land Development

Fla., Cocoa — Cocoa-Rockledge Investment Co., incorporated; G. S. Davidson, R. L. Geiger.

Fla., Fort Lauderdale — Indian River Orange Lands, Inc., capital \$90,000, chartered; M. Lewis Hall, 912 Rio Vista Blvd.

Fla., Fort Lauderdale—Woods-Young Co., incorporated; F. W. Kohl, Valentine St.

Fla., Lakeland—Hallam Groves Corp., incorporated; W. V. Hallam, M. H. Smith.

Fla., Lakeland—Missouri Avenue Land Co., incorporated; E. J. Kaufman, 119½ S. Tennessee Ave.

Fla., Miami Beach—John B. Reid & Co., Inc., 938 Fifth St., chartered; J. B. Reid.

Fla., Sanford—G. F. Smith, Inc., chartered; G. F. Smith, 900 Magnolia Ave.

Fla., St. Augustine—Volando Corp., incorporated; G. T. Chambers, R. C. Gasser.

Fla., Tampa—Mariola Land Co., incorporated; W. M. Fielder, 4803 Bayshore Blvd.

Fla., Vero Beach—Arcadian Groves Corp., chartered; W. E. Sexton, W. S. Buckingham.

Fla., Webster—Branch & Huber, Inc., chartered; W. B. and Vivian Branch.

Fla., Webster—J. W. Caruthers & Sons, Inc., capital \$25,000, incorporated; J. W. and W. E. Caruthers.

Fla., Winter Haven—Lake Eloise Groves, Inc., increased capital, \$500,000 to \$850,000.

Ky., Louisville—Parkway Industrial Development Co., organized by Henry Bickel, 443 Garden St., Dara E. Cross, R. S. Reynolds; develop 56 acres in western section for industrial center; Kentucky and Indiana Terminal R. R. plans extending tracks to section.

Ky., Louisville—Mohawk Land Co., incorporated; George F. Kretschmer, 517 W. Parkway.

La., Lake Charles—City develop recreational center; American Legion, interested.

La., New Orleans — Puritan Realty Co., capital \$200,000, incorporated; Harley Howcott, 402 Audubon St.

La., New Orleans—Joseph Vaccaro, 5010 St. Charles St., developing 1000 acres in oranges and grapefruit; have building 50x 100 ft., will equip for packing plant.

La., New Orleans—Sunset Heights, Inc., incorporated; H. R. Fine, 7932 S. Claiborne Ave.

La., New Orleans—Bernhard Realty Co., Inc., capital \$30,000, incorporated; John H. Bernhard, Canal Bank Bldg.

Md., Edgewater—South River Park Land Co., incorporated; Charles H. Neely, Henry C. Lank.

Miss., Meridian—Queen City Realty Corp., capital \$25,000, incorporated; R. P. Hall, Marshall W. Amls.

Mo., Jefferson City—J. W. Hobbs Realty Co. develop subdivision on Clark Ave.

Mo., Kansas City—Parkdale Farms, Inc., chartered; Wm. H. Scarritt, Scarritt Bldg.

Mo., St. Louis — Cyrus Crane Willmore Organization, Inc., Boatman's Bank Bldg., developing Webster Hills subdivision; install conc. streets, sewers, lights, water and gas.

Mo., St. Louis—Kopman Construction Co., incorporated; J. W. Kopman, 530 N. Union St.; I. F. Steinmeyer, 821A N. Ninth St.

N. C., Charlotte—Recreation Comen. approved expenditure of \$29,500 for parks and recreation for year beginning June.

N. C., Greensboro—H. R. T. Realty Co., Inc., chartered; J. B. Harrison, 1045 W. Market St.

Tenn., Humboldt—Gibson Wells Improvement Corp., Gibson Wells, R. F. D., Trenton, reported, acquired and will develop health resort at Gibson Wells; build golf course; improve wells; install equipment.

Tenn., Nashville—Clendon M. Fisher, Louisville, Tenn., acquired and will develop 42 acres on Thompson Rd.; install roads, sewers, water works.

Tex., Austin—Enfield Realty & Home Bldg. Co., 205 N. Seventh St., plans expending \$300,000 for improvements in Enfield, Westfield and other holdings.

Tex., Channing — Julian Bivins acquired 16,000 acres adjoining present holdings.

Tex., Galveston—W. A. Kelso and R. M. Sias, both 2215½ C St., develop subdivision; construct paved streets and curbs.

Tex., Galveston—W. T. Donoho, 3920 R½ St., and Ludwig Mosie develop subdivision; construct paved streets and curbs.

Tex., McAllen—McAllen Club, O. P. Archer, Pres., plans reconstructing 9 hole golf course and construct 9 additional holes.

Tex., Panhandle—Matador Land and Cattle Co. acquired 30,000 acres in Hartley County.

Tex., Port Aransas—Aransas Holding Co., 118-A S. Chadbourne St., San Angelo, will develop city at Port Aransas; has 500 acres north end of Mustang Island; engineers making surveys, preparing plans and estimates for streets, landscaping and public utilities.

Tex., San Antonio—Northwest Development Co., H. V. Thorman, L. W. Lipscomb, develop community center on Fredericksburg Rd. in Woodlawn section; construct 90 ft. streets.

Va., Hopewell — Hopewell - Chesterfield Realty Corp., incorporated; J. G. Trigg, 304 Ramsey Ave.

Va., Norfolk—Oberon Realty Corp., capital \$50,000, incorporated; Israel Steingold, Citizens Bank Bldg.

Va., Norfolk—Mason-Granby Corp., capital \$50,000, incorporated; M. D. White, Arcade Bldg.

Va., Norfolk—City plans developing park and golf course on 120 acres land Ocean View with 1400 ft. frontage on Chesapeake Bay.

Va., Richmond — Garrett & Co., 1112 E. Main St., developing Amphill Park, 16 acre subdivision; build streets, etc.

Va., South Boston—F. R. Edmondson plans developing park on Banister River.

W. Va., Grafton—City, L. L. Loar, Chmn., plans developing 7 acres adjoining Blument Cemetery for addition. 5-24

Lumber Enterprises

Fla., Gainesville—Builders Supply Service, Inc., St. Augustine, acquired Hamilton-Boring Co.; A. L. Combs will be local Mgr.

Fla., Jacksonville—Wilson-Otwell Lumber Corp., incorporated; J. J. Waters, 2205 Lydia St.

Kentucky—Ritter-Burns Lumber Co., First Natl. Bldg., Huntington, W. Va., acquired 150,000,000 ft. of standing timber on Leatherwood Creek, Perry County, Ky.

N. C., Wilmington—J. N. Bryant Lumber Co., Hilton St., J. N. Bryant, Pres., Wilmington, acquired Northeast Lumber Corp., on banks on Northeast River, will remodel.

Tex., Beaumont—Beaumont Import & Export Co., 401 Perlstein Bldg., John W. O'Shaughnessy, Mgr., let contract to P. N. Anger, 860 Prairie St., for erecting \$75,000 lumber mill on 15-acre tract in Van Wormer industrial subdivision. 5-24

Tex., Clarksville—Temple Lumber Co. remodeling lumber yard.

Tex., Corpus Christi—Pickering Lumber Co., 901 Leopard St., Sam Bass, Gen. Mgr., let contract to Geo. Donnell, 1014 Tenth St., for erecting lumber yard, Waco and Mestina Sts.

Tex., Port Arthur—Powell Lumbers, Inc., capital \$25,000, incorporated; C. S. Powell, 649 Fifth St.

Tex., Marfa—City Lumber & Supply Co., capital \$35,000, incorporated; P. M. Harris, J. A. Somerville.

Tex., San Angelo—Angelo Planing Mill, incorporated; W. H. Derington, W. C. Beasley, H. H. Tompkins.

Mining

Ala., Mobile—Baker Gravel and Sand Co., capital \$25,000, incorporated; John G. Murphy, C. G. Baker, A. T. Baugh.

Ga., Cartersville—Joel Hurt, Hurt Bldg., of Georgia Manganese and Iron Co., and associates, Atlanta, in connection with Brunswick Terminal and Ry. Securities Co., New York, plans expending \$1,500,000 for developing manganese properties, near Cartersville, install permanent washer, erect plant with handling capacity of 200,000 tons of manganese ore annually; stockholders of Brunswick Terminal and Ry. Co. will vote within 30 days on increasing authorized capital 100,000 shares of no par common to 300,000 shares; if approved 200,000 shares will be issued and \$1,500,000 of proceeds used to finance manganese properties in Georgia.

Ky., Louisville—Kentucky Consolidated Stone Co. is offering \$1,000,000 first (closed) mortgage 6½% ten-year sinking fund gold bonds through Hambleton & Co. 5-17

Md., Towson, Br. of Baltimore—Stone Quarry—Gwynns Falls Stone Corp., incorporated; Bruce S. Campbell, 502 Highland Ave., Towson.

Tenn., Nashville—Alabama Oolitic Stone Co., Fourth and First Natl. Bank Bldg., capital \$25,000, incorporated; W. F. Creighton, J. S. Dunbar, Jr.; acquired 100 acre quarry at Rockwood, Ala., will develop.

Tex., El Paso—See Miscellaneous Enterprises.

Virginia—G. Z. Faulconer, Mill and Vine Sts., Lexington, Ky., has acquired Rooney Gold Mine tract, consisting of 678 acres in Spottsylvania County; Marshall Haney, Pr.D., Mining Engr., Geer, Va., selected to examine property and plan future developments.

Miscellaneous Construction

Arkansas—Embankment—See Roads, Streets, Paving.

La., New Orleans—U. S. Engr.'s office, river front and Burdette Sts., receives bids June 9 for constructing 27,000 cu. yds. of earthwork in Red River, Atchafalaya and Bayou Bouef levee district.

Md., Baltimore—Directors of Baltimore Assn. of Commerce endorsed recommendations of its City Plan Committee for developing Fifth Regiment Armory Plaza, after plans by Clyde N. Friz, Archt.-Engr., Lexington Bldg.; cost over \$300,000.

N. C., Winston-Salem—Forsyth County Chapter of Isaac Walton League, Major R. T. Stedman, Pres., plans developing 50 acres of land in Stokes County for lake.

Miscellaneous Enterprises

Ala., Tuscaloosa—E-Z Opener Bag Co., Merchants Bank Bldg., Tuscaloosa, and Decatur, Ill., let contract to C. A. D. Bayley & Co., Interstate Bank Bldg., New Orleans, for erecting \$6,000,000 plant at Holt, 4 mi. from Tuscaloosa; contract to Ingalls Iron Works, Inc., Birmingham, for 2300 tons of struct. steel; will let other sub-contracts immediately; output 90,000,000 lbs. of finished paper and bags annually; Wm. E. Spink, Archt., 1101 Pere Marquette Bldg., New Orleans; H. S. Taylor, Conslt. Engr., Dayton, Ohio; R. E. Hartment, Gen. Mgr., 1213 Lowerline St., New Orleans, La. 4-26

Ark., El Dorado—Chamber of Commerce interested in establishing cheese factory.

Ark., El Dorado—Union Asphalt Co., incorporated; J. B. Sowell, H. L. Williford.

Ala., Montgomery—L. D. Rouse, Pres. of Empire Laundry Co. and Rouse's Dry Cleaning Co., both 405 Dexter Ave., will erect building, 954 Adams St.; 2 stories, brick and steel; \$200,000; A. C. Sanford, Contr.

Ark., Texarkana—Direct Coffee Mills of Texarkana increased capital, \$50,000 to \$75,000.

Fla., Crystal—Crystal Springs Amusement Co., S. D. Lovett, Pres., will develop amusement park; construct swimming pool, dance hall, bath house, club house, cottages, lunch room, filling station, store; cost of buildings \$15,000. See Want Section—Machinery and Supplies, Miscellaneous, Building Material and Equipment. 5-31

Fla., Fort Pierce—New Stone Art and Pottery Co., incorporated; O. T. Munson, J. Glenn Lee.

Fla., Orlando—Central Builders' Supply Co., incorporated; Lewis T. McCoy, Orwin Manor, W. M. Young; acquired Baker & Holmes Co., operating in Orlando, Clermont and Sanford districts.

Fla., Orlando—Central Builders Supply Co., capital \$100,000, incorporated; L. T. McCoy, Orwin Manor.

Fla., Tampa—Tobacco—Frank Rodriguez, Inc., capital \$25,000, incorporated; Frank Rodriguez, 2005 Mitchell St.

Fla., Tampa—Daily Record Publishing Co. incorporated; H. H. Cole, 709 Franklin St.

Ga., Augusta—Curtin-Howe Corp., C. Marshall Taylor, Pres., 11 Park Place, New York City, erect \$20,000 wood preserving plant on property Piedmont Wood Preserving Co., A. B. Skelding, Pres., using zinc meta-arsenite preservative.

Ga., Elberton—Elberton Coca-Cola Bottling Co., H. J. Miller, Pres., Augusta, has low bid at \$17,500 from H. J. Price, for erecting bottling plant; 2 stories and basement, 55x49 ft., rein. conc., Indiana limestone trim, tile, tile roof; Pringle & Smith, Archts., Norris Bldg., Atlanta.

Ga., Macon—Georgia Packing Co. erecting \$10,000 canning plant, Mikado Place.

Ky., Fountain Run—Hagan Ferry Co., incorporated; J. W. Hagan, S. F. Pedigo.

Ky., Louisville—Tobacco By-Products and Chemical Corp., A. G. Robinson, V.-Pres., Columbia Bldg., let contract to L. W. Hancock, Law Trust Bldg., for erecting plant, 17th and Magnolia Sts., to consist of group of 5 buildings, one will be 60x340, 1 story; 60x360 ft., 1 story and part basement; machine shop, 40x80 ft., 1 story; power plant 52x64 ft.; garage 25x30 ft.; brick, mill construction; J. E. Sirrine & Co., Engrs., Greenville, S. C. 5-17

Ky., Louisville—Axtion-Fisher Tobacco Co., 811 S. 20th St., Wood Axtion, Pres., acquired Smith & Scott Tobacco Co., Paducah; will move equipment, accounts, etc., to Louisville.

La., Houma—Fulton Iron Works Co., Inc., 1259 Delaware St., St. Louis, Mo., is furnishing for Estate of H. C. Minor equipment, 12-roller mill with double crusher, having grinding capacity of 2000 tons in 24 hours; 2 30-in. by 60-in. Fulton Corliss heavy-duty engines, cane carriers, intermediate carriers, other milling equipment; vacuum pan, 12 ft. in diameter of Calandria type, condenser of sufficient capacity for serving this vacuum pan and necessary piping; also place single crusher and driving engine at Laurel Grove, and double crusher and driving engine at Billeaud Sugar Factory. 5-31

La., New Orleans—Lee's Creamery Whip Freeze, Inc., chartered; Lee Vernado, 3702 Carrollton St.

La., New Orleans—Rebuilding Electrical Machinery, etc.—Best Electric Co., Inc., 1001 Magazine St., erect plant addition; 50x29 ft., 1 story, brick, steel, insulated metal roof; wants bids on paving of shop floor and building. See Want Section—Machinery and Supplies, Miscellaneous. 5-31

La., New Orleans—West Coast Kaisomine Co., San Francisco, Calif., S. A. McDonald, local Mgr., 429 S. Front St., will have plans ready to place on market for general contract figures for first unit of plant; 1 story and mezzanine, 120x100 ft., brick, struct. steel; Company's engineers preparing plans.

La., Shreveport—Shreveport Packing Co., 725 Texas St., let contract at \$25,500 to Werner Co., Inc., Com'l Bk. Bldg., for erecting plant, Mansfield Rd.; 2 stories, rein. conc., brick, steel; Clarence W. King, Archt., Gliddens-Lane Bldg.

La., Shreveport—Hicks Co., Ltd., Travis and Commerce Sts., acquired controlling interest in Diamond Coffee Mills, Inc.; will install new machinery and enlarge plant.

Md., Baltimore—Platt Paper Products Corp., Key Highway at Boyle St., incorporated; James B. Platt.

Md., Baltimore—Decorating—Oliver Carroll Zell, Jr., 517 N. Charles St., let contract H. C. Aiken & Co., 2116 Madison Ave., to erect 4-story building rear of present structure; 25x60 ft., brick, slag roof, wood floors, steam heat; cost \$10,000; Theodore Wells Pietsch, Archt., American Bldg.

Md., Baltimore—Pariser's Bakery, 2304-08 Pennsylvania Ave., erect 2-story building, 68x39 ft., \$15,000; John Freund, Archt., 1307 St. Paul St.; A. Goodman, Contr., 2000 Whittier Ave. 5-17

Miss., Ackerman—J. N. Hall and associates plan erecting milk plant.

Miss., Booneville—Chamber of Commerce, Sam W. Tapscott, Pres., interested in establishing cheese plant.

Mo., Cabool—Piney Milk Products Co., incorporated; F. M. Thompson, F. M. Miller.

Miss., Canton—Chamber of Commerce negotiating with outside interests for establishing milk plant.

Mo., Fredricktown—St. Louis Milk Co., St. Louis, plans erecting milk plant.

Mo., Illmo—Chamber of Commerce has agreed to provide building and site, 100x200 ft., for overall factory of Ely & Walker Dry Goods Co., 1520 Washington St., St. Louis.

Mo., Marshall—Page Milk Co., Merrill, Wis., R. B. Page, Pres., will establish \$250,000 condensary with facilities for making powdered milk; plans and specifications being prepared by company's engineers.

Mo., Springfield—Queen City Dairy Co., 504 S. Robinson St., increased capital, \$27,000 to \$40,000.

Mo., St. Louis—B. Goldberg Realty & Construction Co., Inc., incorporated; Ben Goldberg, 5819 Wabada St.

Mo., St. Louis—Ben G. Brinkman, owner of Forest Park Highlands, reported, will issue \$1,500,000 bonds for improving amusement resort and buildings to house National Dairy Assn. for permanent exhibit halls and arenas.

N. C., Charlotte—West End Laundry, J. H. Taylor, Pres., 906 W. Trade St., erect building, Montgomery and Flint Sts., in Western Heights; 103x240 ft., brick.

N. C., Hickory—Sterling Overall Co., capital \$70,000, incorporated; J. S. Hartsfield, Charlotte.

N. C., Lenoir—Fisher J. Beasley and Maurice Clifton, interested in establishing creamery.

N. C., Winston-Salem—J. B. Cullins, 104 Logan Court, Raleigh, acquired New Method Laundry on S. Main St.; improve and install machinery.

Okla., Chickasha—Daily Express Publishing Co. erect building; fireproof, 2 stories, 25x120 ft., conc., hollow tile, \$20,000; E. H. Eaes & Co., Archts.

Okla., Oklahoma City—General Baking Co., Orear-Leslie Bldg., Kansas City, Mo., let contract to W. S. Bellows Construction Co., Hersk Bldg., for erecting bakery; 2 stories, stone; Archer & Gloyd, Archts., Pioneer Trust Bldg., Kansas City, Mo.

Tenn., Brownsville—Haywood County Cheese Co., Dr. J. L. Edwards, Pres., will erect cheese factory, Jefferson St.; 28x50 ft., brick, conc. floors.

Tenn., Chattanooga—West Construction Co., Vol. Life Bldg., acquired 4 acre site, will erect plant for manufacturing machines for asphalt purposes.

Tenn., Halls—Halls Graphic and Henning Progress consolidated will be published under name of Graphic-Progress; W. L. Durham, Editor.

Tenn., Memphis—Mrs. Frank J. Rice erect \$65,000 building to be leased to Joseph S. Menke and Morris Shapiro for Keystone Laboratories, Third St. and Butler Ave.; Joe T. Wallace, Archt.; B. W. Cocke & Son, Contr.

Tenn., Memphis—Plough Chemical Co., Abe Plough, Pres., 121 S. Second St., has applied for permit to erect \$1,500,000 building to manufacture toilet requisites; will produce 35,000,000 packages annually; Hanker & Calres, Archts., 123 S. Court St.; Jackson & Moreland, Indus. Engrs.

Tenn., Knoxville—Gunter Construction Co., capital \$50,000, incorporated; L. C. Gunter, Bkrs. Tr. Bldg.

Tenn., Nashville—Postum Cereal Co., Battle Creek, Mich., reported, acquired Cheek-Neal Coffee Co., Cummins Station.

Tex., Beeville—Burrows Hardware Co., capital \$40,000, incorporated; J. C. Burroughs, T. P. Tucker.

Tex., Beeville—Beeville Publishing Co., incorporated; Geo. H. Atkins, W. L. Levermann.

Tex., Dallas—United Chemical Co., Santa Fe Bldg., increased capital, \$150,000 to \$250,000.

Tex., Dallas—H. G. Haggard Co., Santa Fe Bldg., J. M. Haggard, Pres., leased space in Santa Fe Bldg., installing machinery for manufacture of dress and work pants.

Tex., Dallas—Refining Casting Corp., capital \$25,000, incorporated; Frank E. Austin, Rep. Bank Bldg.

Tex., Elgin—Farris & Dominey have acquired Elgin Ice Cream Co.; leased old National Bank building for plant.

Tex., El Paso—Nichols Copper Co., 25 Broad St., New York, erect electrolytic copper refinery to treat copper from mines and smelters of Phelps Dodge Corp., Calumet and Arizona, and New Cornelia; have capacity to treat 100,000 tons of copper per year.

Phelps Dodge Corp., 99 John St., cor. Cliff St., New York City; Calumet & Arizona Mining Co. and New Cornelia Copper Co. have taken an interest in Nichols Copper Co. and will be represented on Bd. of Directors. 12-15

Tex., Harlingen—Valley Builders Supply Co., Inc., Polk and A Sts., P. O. Box 746, erect factory; 40x150 ft., tile, brick, cement floor, built-up roof; install woodworking machinery; W. R. Varner, Archt. See Want Section—Machinery and Supplies.

Tex., Houston—Burton Packing Co., J. E. Burton, will erect \$100,000 packing plant, Clark and Bay Sts.; has site of 4½ acres; build 130 stock pens, half covered with sheet iron and main building of conc. and brick, 60x138 ft.; 2 stories; killing room on second floor, ramped chute; first floor for chilling room, freezer room and sausage room; Albertson & McFarland, Archts., Stewart Bldg.; C. C. Rhodes, Contr., 1903 Commonwealth St.

Tex., Houston—Packers—Theo. Keller & Co., 701 Congress St., acquired site, Commerce and Crawford Sts.; plans erecting plant.

Tex., Houston—National Biscuit Co., D. M. McKelvey, Consol. Engr., 85 Ninth Ave., New York advises regarding report of a proposed \$1,000,000 plant: "We have no plans for a plant at Houston."

Tex., Houston—Eternit, Inc., Wharf No. 4, Houston, B. T. Conwell, Pres., 15th and Locust St. Blvd., Philadelphia, Pa., plans erecting \$1,000,000 asbestos shingle factory.

Tex., Orange—Union Bag and Paper Corp., Woolworth Bldg., New York, will establish bag plant in building to be erected by Yellow Pine Paper Mill Co., Orange.

Tex., San Angelo—San Angelo Dairy Products Co., capital \$15,000, incorporated; Joe Montgomery, Dewey M. Yates.

Tex., San Antonio—Gebhardt Chili Powder Co., 1810 S. Laredo St., has low bid at \$15,000 from L. T. Wright & Co., Bldrs, Exch. Bldg., for additions to plant; rein. conc., steel; John M. Marriott, Archt., Frost Bldg.

Tex., San Antonio—San Antonio Laundry Co., North St., has low bid from Ed. Oeffinger, Bldrs, Exch. Bldg., for erecting building; Beverly W. Spillman and Beverly W. Spillman, Jr., Archts., Alamo Bank Bldg., Archts.-Engr.

Tex., San Antonio—Phillips Cheese Co. incorporated; R. F. Spencer, City Nat'l Bk. Bldg.

Tex., Temple—City Comm. will install 5 traffic signal lights in business district and later enlarge system; will also purchase 750 gal. fire engine pumper for use at downtown station.

Va., Richmond—Jones Bros. Decorating Corp., capital \$20,000, incorporated; Alexander W. and Oscar L. Jones, Jr., both 918 W. Grace St.

Va., Waynesboro—Vinegar, Fruit Canning, Preserves, etc.—National Fruit Product Co., Inc., will rebuild burned plant; construction by company's force under supervision of company's engineer. 5-31

Va., Winchester—Southern Dairies, Inc., 60 M St., N. E., acquired Imperial Ice Cream Co. at Winchester, Martinsburg and Hagerstown; to be operated in conjunction with other plants of Southern Dairies; W. S. Spitzer will be local Mgr.

W. Va., Parkersburg—Universal Glass Products Co., Parmaco, erect addition to factory; steel, conc.; \$150,000; Plate Construction Co., Contr.

Motor Bus Lines and Terminals

Ky., Louisville—Central Truck Depot Co., 240 E. Main St., H. C. Kelting, Pres., will erect \$60,000 truck depot, Floyd St.; 125x50 ft., conc., brick.

Ky., Russell—Walter Callihan and Edw. R. Womack will operate bus line between Russell and Flatwoods.

Oklahoma—State Corp. Comm., Oklahoma City, granted following bus line permits: To C. & W. Motor Express between Oklahoma City and Hobart; John H. Terry between Lawton and Frederick; Savage and Thompson between Prague and Okemah; Clinwood Transit Co. between Clinton and Woodward.

Virginia—State Corp. Comm., Richmond, authorized W. C. McCoy, Luray, to extend present freight bus service between Luray and Washington, D. C., so as to include service between Winchester and Alexandria and between Warrenton and Culpeper.

Va., Danville—State Corp. Comm., Richmond, authorized Luna Lake Bus Line to operate bus line between Danville and Luna Lake.

W. Va., Charleston—Penn-Ohio Bus Co., capital \$20,000, incorporated; Frank Shaver, 212 Kanawha St.

Motor Cars, Garages, Filling Stations

Fla., Daytona Beach—Halifax Motor Co., 408 N. Beach St., Ralph C. Henson, Pres., acquired property, N. Beach St., will improve.

Fla., Orlando—Colonial Realty Co. has plans by David B. Hyer for fireproof, steel and tile building, on N. Orange at Robinson Ave., to be occupied by Midland Motors, Inc.; 50x200 ft., contains showrooms, garage and service departments.

Ga., Macon—Elkan & Guthman erect \$10,000 filling station, 320 First St.

La., Jackson—Jackson Motor Co., Inc., incorporated; S. Y. Pipes, Harry Graves.

La., Monroe—Filling Stations—Smith & Lewis, Inc., capital \$20,000, incorporated; O. M. Grisham, Ouachita Nat'l Bk. Bldg.

La., Shreveport—Homer Jordan let contract at \$65,965 to Glassell-Wilson Co., Agurs St., for erecting garage, Fannin and Edward Sts.; fireproof, rein. conc., 3 stories, comp. built-up roof, rein. conc. foundation, steel ramps, conc. floors; Clarence W. King, Archt., Giddens-Lange Bldg. 5-17

Md., Baltimore—International Harvester Co. of America, 606 S. Michigan Ave., Chicago, Ill., acquired site on 25th St. for motor truck service station; Everett D. Cummings, 81 Mosher St., will direct construction, receive bids, etc.; Wm. Price, Chicago office (Supt. of Const.), will prepare plans and specifications.

Md., Hagerstown—Lambert-Thomas Motor Co., incorporated; Edw. D. Lambert, Ruth E. Thomas.

Md., Baltimore—Oakland-Pontiac Service Co., 217 E. Chase St., incorporated; Russell A. Downing.

Md., Baltimore—Wiley-Youle Motor Corp., 423-425 E. 33d St., incorporated; William H. Wiley.

Missouri—Phillips Petroleum Co., Bartlesville, Okla., acquired 23 service stations and 21 bulk stations from E. M. Wilhoit Oil Co. and Star Oil Co., both Springfield; 8 stations are located in St. Joseph, and others in smaller Missouri cities.

Miss., Hattiesburg—E. C. Hearon & Sons, Archt., 201½ W. Pine St., completed plans for erecting \$10,000 filling station, Pine and Hemphill Sts.; conc., brick, 2 stories and basement, 50x100 ft.

Miss., Jackson—Sec. of State receives bids June 18 for erecting garage addition on capitol mansion grounds; Frank P. Gates Co., Archts., Edwards Hotel Bldg.

Miss., Natchez—Joseph Zuccaro, 724 Pearl St., acquired Winston Petroleum Products Co., also leased Winco filling station.

Mo., Bolivar—Ben Dunnegar erect garage; 1 story, 72x100 ft., brick, comp. roof; Heck-enlively & Mark, Archt., 642 Landers Bldg., Springfield.

Mo., Kansas City—Carter & Carter, Commerce Bldg., let contract to Jewell Building Co., for erecting 2-story fireproof garage, Harrison St., 100x150 ft. 5-31

Mo., Kansas City—Kansas City Power and Light Co. plans erecting customer garage.

Mo., Kansas City—Federal Truck Co. incorporated; F. F. Florea, 5031 Forest St.

Mo., St. Louis—Broadway Auto Salvage Co., 3126 N. Ninth St., incorporated; Herman Schachter.

Mo., St. Louis—Conrad Heberer, 2906 Kosuth St., remodel battery station and erect addition, Glasgow St.; 1 story, 22x88 ft., brick, comp. and asphalt shingle roof; bids in; L. J. Graham, Archt., 4885 Nat'l Bridge.

Mo., St. Louis—Morgan-Jones Motor Co., 4360 Manchester St., incorporated; Joseph S. Morgan.

Mo., St. Louis—Lebens Hudson-Essex Co., Edw. H. Lebens, Gravois Rd. and Cherokee St., will erect building; 60x185 ft., brick, conc. and terrazzo floors, gravel roof.

Tex., Austin—Knight-Whippet Co., Inc., chartered; Felix Williams, 4400 Ave. D.

Tex., Brownsville—Mrs. Pauline J. Wells erect \$12,500 garage; brick, 50x110 ft., tile roof, stone trim; Wm. D. Van Siclen, Archt.

Tex., Corpus Christi—Tire Service Co., incorporated; Thomas H. Sanders, Country Club Place.

Tex., Dallas—Howard McElroy, 4700 Drexel Drive, erect \$24,000 battery station; brick, 1 story.

Tex., Houston—Walter H. Wain, 1405 S. Boulevard, erect \$40,000 garage and display room, 125x125 ft., 1 story, brick, terrazzo and conc. floors; Hedrick & Gottlieb, Archts., 2000 Colquitt St. 5-31

Tex., Houston—Consolidated Oil Co., 2905 McKinney St., let contract to L. D. Goodwin, 2027 Oxford St., for erecting \$14,000 fill-

ing station and garage building, 608 Boudary St.; hollow tile, brick.

Tex., Lubbock—Lubbock Auto Co., Inc., capital \$20,000, incorporated; Sam C. Arnett, George E. Benson.

Tex., San Antonio—Mike Tanos, 710 Ruiz St., has low bid from C. H. Blount, 1427 Nogalitos St., for erecting filling station, 1026 S. Medina St.; Will N. Noonan Co., Archt., Builders Exchange Bldg.

Tex., Sherman—Continental Oil Co. erect \$10,000 filling station, Cherry and Crockett Sts.; fireproof, conc., tile.

Tex., Thorndale—F. C. Frenzel erect filling station.

Va., Petersburg—Prince Motor Sales Corp., capital \$25,000, incorporated; John Prine, W. V. Bynum.

Va., South Boston—Service Oil Co., John R. Booth, Pres., erect service station.

Railways

Missouri—Missouri Pacific R. R. Co., E. A. Hadley, Ch. Engr., St. Louis, plans constructing double tracks between Eureka and Valley Park, 11 mi.; also plans low grade line from Valley Park to Mississippi River, Ivory.

Mo., Kansas City—St. Louis-San Francisco Ry., F. G. Jonah, Ch. Engr., St. Louis, negotiating for purchase of Kansas City, Mexico and Orient Ry. Co.; if successful will construct branch line from San Angelo, Tex., to Del Rio, Tex., on Rio Grande and filling gap between Alpine, Tex., and Presidio, also on Rio Grande.

Texas—Gulf and West Texas R. R. Co., W. C. Banks, Sec.-Treas., San Angelo, applied to Interstate Commerce Comm. for authority to construct line between Kerrville and San Angelo, 130 mi.; contemplates using track of Southern Pacific between Kerrville and Corpus Christi by way of San Antonio, 240 mi.

Tex., Amarillo—Chicago & Rock Island & Gulf Ry. Co., N. H. Lassiter, V.-Pres., Fort Worth, applied to Railroad Comm., Austin, to issue and deliver to Chicago, Rock Island & Pacific Ry. Co., C. A. Morse, Ch. Engr., Chicago, \$108,000 of capital stock to cover part of extension under construction between Amarillo and Liberal, Kan.; 106 mi. will be in Texas.

Tex., Tyler—St. Louis Southwestern Ry. Co. (Cotton Belt), D. Upthegrove, Pres., St. Louis, Mo., let contract to Gifford-Hill & Co., Inc., North Texas Bldg., Dallas, for rehabilitation of line from Tyler to Mt. Pleasant, about 500,000 cu. yds.; also bridging and conc. work; work embraces much grade revision and several line changes; main line work will be done by Gifford-Hill & Co., off line work let to: T. A. Griffin Construction Co., N. Texas Bldg.; W. H. Nichols, Merchants Bank Bldg.; Roy Tobe; C. Johnston; B. F. Brooks Construction Co., Love Field, all Dallas; T. H. Johnson, contract for conc., Sedalla, Mo., and N. Texas Bldg., Dallas. 5-31

Roads, Streets and Paving

In connection with LAND DEVELOPMENT large sums are expended for roads, streets, paving and sidewalks. Details will be found under that classification.

Proposed Construction

Ala., Decatur—Morgan County plans widening and straightening Decatur-Hartselle Highway; State Highway Dept., Montgomery, will pave road with conc. or asphalt; 20-ft. wide.

Ala., Decatur—City plans 40-ft. boulevard on Alabama St., approach to Tennessee River Bridge.

Ala., Foley—Town plans paving business streets and laying conc. sidewalks in residence section.

Ala., Mobile—Mobile County Bd. of Revenue and Road Commrs., Arthur D. Davis, Pres., considering 50 mi. highway paving, including Mobile-Calvert road, and 2 other main trunk highways.

Ala., Russellville—City, W. H. Austin, Clk., plans \$250,000 for street paving, curb, gutter, walks and storm sewers; W. W. Ramsey, Mayor.

Arkansas—State Highway Comm., Little Rock, receives bids June 14 for 7 roads and earth embankment; Monroe County—5½ mi. earth embankment, Brasfield-Cutoff road, Highway 70, 576,293 cu. yd.; Ouachita County—12 mi. gravel surface, Camden-Chidester road, Highway 24, 25,398 cu. yd. gravel surface course; Greene-Clay Counties—8 mi. grading, draining, Paragould-Corning road, Highway 1, 95,046 cu. yd. excavation and

borrow, 22,248 lb. rein. steel; Boone County—13 mi. grading, draining, Harrison-Lead Hill road, Highway 43, 91,931 cu. yd. excavation and borrow, 58,564 lb. rein. steel; Clay County—5 mi. grading, draining, Walnut Ridge-Piggott road, Highway 34, 57,848 cu. yd. excavation and borrow, 11,342 lb. rein. steel; Yell County—6 mi. grading, draining, Ola-Plainview road, Highway 28, 33,395 cu. yd. excavation and borrow, 55,194 lb. rein. steel; Garland County—7 mi. grading, draining, Hot Springs-Royal road, Highway 6, 142,830 cu. yd. excavation and borrow, 33,652 lb. rein. steel; Greene County—10 mi. grading, draining, Randolph County to Clay County road, Highway 34, 129,743 cu. yd. excavation and borrow, 58,564 lb. rein. steel; Dwight H. Blackwood, Chmn.

Ark., Camden—State Highway Comm., Little Rock, plans letting contract in June to grade and gravel surface Holly Springs-Eagle Mills Highway; Dallas and Ouachita Counties.

Ala., Hurtsboro—Town receives bids June 14 for 2400 cu. yd. excavation, 5250 sq. yd. conc. paving, 300 sq. yd. rock asphalt paving, 1350 lin. ft. combined curb and gutter, storm sewers; Robt. L. Totten, Inc., Conslt. Engr., Brown-Marx Bldg., Birmingham, 5-17 in Dist. 2.

D. C., Washington—Dist. Commrs. receive bids June 12 for 33,300 cu. yd. grading.

D. C., Washington—Congress authorized expenditure of \$265,500 for extending and repairing streets in Washington, in outlying districts, near Montgomery County, Md., line; Sixteenth St., \$80,000; Georgia Ave., \$36,200; pave Wisconsin Ave., 60-ft. wide, \$149,300.

Fla., Stuart—City Comm. plans \$50,000 for 24-ft. highway, St. Lucie River Bridge to Glendale cut-off, on Dixie thoroughfare. See Financial News.

Ga., Columbus—Muscogee County, R. H. Barnes, Clk., plans \$644,000 to complete paving. See Financial News.

Ga., Savannah—Chatham County considering permanent paved Highway, from Savannah to Tybee.

Ga., Swainsboro—State Highway Comm., East Point, receives bids June 29 for 40 mi. paving, Swainsboro to Alma, on Augusta-Jacksonville road.

Ky., Carrollton—State Highway Comm., Frankfort, considering road improvement in Carroll County; conc. 1½ mi. highway, Prestonville Bridge to C. C. Coghill's; grade and drain to Trimble line, on Bedford Route, of Cincinnati-Louisville Highway; resurface Carrollton to Ghent road with 4-in. screenings, water binding; rebuild 3 mi. road, Sanders to Ghent.

Ky., Hazard—State Highway Comm., Frankfort, receives bids in July for road from Big Creek to Chavies, to Buckhorn, Perry County; surface Troublesome-Hazard-Jackson road, Allais to Toney Chaney's Farm; bids June 29 to surface road from Sassafras to Letcher County line, through Knott County, Hazard-Whitesburg road.

Ky., Prestonsburg—State Highway Comm., Frankfort, plans 10 mi. grading Mayo Trail, between Allen, Floyd County, and Pike County line; plans receiving bids in fall for surfacing.

Ky., Somerset—Pulaski County, Napier Adams, Judge, plans \$300,000, as County's share for 40 mi. roads; to Russell County line; to London or Corbin; State to give \$900,000. See Financial News.

La., De Quincy—Town, M. M. Smith, Clk., receives bids June 29 for 11,500 cu. yd. excavation, 23,000 sq. yd. conc. asphalt, brick, etc., surfacing, 960 lin. ft. curb and gutter, 4680 lin. ft. 15 to 30-in. storm sewers, manholes, inlets, etc.; J. B. McCrary Co., Engrs., Atlanta, Ga.

La., Ferriday—City plans street paving.

La., Jena—Louisiana Highway Comm., Baton Rouge, received low bid from S. S. Andrews, Jena, \$8151 for 1.307 mi. gravel, Jena-Nebo-Rogers Highway, La Salle Parish; Glen Hill Gravel Co., Grayson, low bidder for 1569 cu. yd. sand and clay gravel. 5-10

La., Many—Sabine Parish Police Jury receives bids June 13 to grade roads in San Patricio swamp near Noble.

Maryland—State Roads Comm., Baltimore, received low bids for 6 roads and 6 bridges: Washington County—68 mi. macad., Cascade to Camp Ritchie, M. J. Grove Lime Co., Lime Kiln, \$13,651; Montgomery County—87 mi. conc., along Georgia Ave., from Dist. line to Colesville Pike, G. B. Mullin & Co., 1296 Upsher St., N. W., Washington, D. C., \$49,292; Anne Arundel County—1.44 mi. conc., Crain Highway, near Millersville toward

Sappington, Jas. J. Stehle, 170 West St., Annapolis, \$26,125; Harford County—1 mi. conc., end of Cont. H-49 toward Clermont, P. Reddington & Sons, 2 E. Lexington St., Baltimore, \$24,160; Queen Anne County—1.01 mi. conc., end of Cont. Q-35 toward Starr, P. D. Phillips & Bro., Salisbury, \$15,866; Anne Arundel County—2.5 mi. conc. shoulders, Pumphrey to Wallham's Crossroads, Ward & O'Connell, 3114 Presbury St., Baltimore, \$15,753; Bridges: Washington County—rebuild roadway on Potomac River Bridge, Hancock, T. A. Ward, 1824 N. Caroline St., Baltimore, \$21,773; Prince Georges County—single span rein. conc. girder bridge over Federal Spring Branch, Marlboro to Camp Springs road, Jarboe-Houghton, Mechanicsville, \$4330; Charles County—double span rein. conc. girder, over Mattawoman Run, Mason Springs to Indian Head, Jarboe-Houghton, \$10,950; Talbot County—double span rein. conc. slab, over Norwich Creek, Queen Anne to Cordova, Kaufman Construction Co., Denton, \$5558; Cecil County—2 rein. conc. bridges over Rock Run, Port Deposit to Liberty Grove, G. A. Atkinson, Port Deposit, \$6815. 5-17, 5-24

Maryland—State Roads Comm., Baltimore, receives bids June 19 for 5 roads: Montgomery County—97 mi. conc., Seek's Corner to Brown's Corner, to Carroll Ave., Cont. M-106; 3.77 mi. conc., Bethesda to Chevy Chase, to Silver Spring, Cont. M-104; Prince Georges County—2 mi. gravel, Laurel to Bowie, Cont. P-82; Charles County—4.5 mi. gravel, Oliver's Shop to Bryantown, Cont. Ch-50; St. Mary's County—2 mi. gravel, Hillsville to Hollywood, Cont. Sm-43; John N. Mackall, Chmn.

Md., Baltimore—See Miscellaneous Construction.

Md., Baltimore—City, Bd. of Estimates plans expending \$132,000 to pave 13 streets, including footway and alley paving; Nathan L. Smith, Highways Engr.

Md., Baltimore—City, Nathan L. Smith, Highways Engr., plans paving Philadelphia Ave., Highland Ave. to Eighth St., asphalt surface, conc. base.

Md., Baltimore—City, Nathan L. Smith, Highways Engr., considering widening Fayette St. to 80 ft., Fallsaway to Broadway.

Md., Baltimore—Bd. of Awards receives bids June 13 to grade, curb and pave with 9350 sq. yd. cement conc., streets in Cont. 464; 10,800 sq. yd. sheet asphalt, Cont. 465; grade and pave with 20,000 sq. yd. cement conc. footways in Cont. 108; grade and pave with 12,700 sq. yd. cement conc., alleys in Cont. 128; Nathan L. Smith, Highways Engr.

Md., Cumberland—City receives bids June 18 for 8400 sq. yd. conc. amiesite or Kyrock paving on driveway, Virginia Ave., Bowen to Western Md. R. R. tracks; Ralph L. Rizer, City Engr.

Miss., Aberdeen—City, R. C. Maynard, Clk., receives bids June 18 for 5280 sq. yd. 6-in. conc. paving, 2193 lin. ft. combined curb and gutter; J. M. Acker, Mayor.

Miss., Ashland—Benton County plans expending \$50,000 for 2 roads: 7 mi., from point south of Ashland, intercepting highway from Holly Springs to Benton County line; from point south of Ashland toward Ripley; will sell bonds.

Miss., Hattiesburg—City Commrs., L. McAnuly, Commr., plan widening Hemphill St., West Pine to Front, 23 to 33-ft.; 10-ft. sidewalk.

Miss., Hattiesburg—City, Mayor Moore, considering extending Front St. across tracks of Southern Ry. System.

Mo., Carthage—State Highway Dept., Jefferson City, receives bids June 29 for 1.413 mi. 30-ft. grading, viaduct and bridge over North Branch, Highway 71. 5-24

Mo., Independence—Jackson County plans 4 roads totaling 224 mi. conc. and asphaltic conc.: 5 mi. Courtney road, Independence to Courtney, \$138,700; improve Liberty Landing road; 5 mi. Atherton road, from U. S. Highway 24 to Atherton, \$140,880; 7 mi. Blue Mills-Sibley road, point south of Sibley to Atherton road, \$174,748.

Mo., Joplin—City Council plans expending \$30,000 to pave Pearl St. with conc. and squeegee asphalt top, Sixteenth to Twenty-sixth; 2 courses bit. material, Fourth to G St.; S. P. Ashcroft, Engr. 5-17

Mo., Kansas City—City, Matthew S. Murray, Dir. of Public Works, plans receiving bids soon to pave Thirty-first St., Summit to Roanoke Parkway.

Mo., Neosho—Mayor and Bd. of Aldermen plan paving Lafayette St., Main to Hickory; McCord, Wood to Jefferson; Patterson, Jefferson to High.

Mo., New Madrid—State Highway Dept., Jefferson City, plans letting contract in June to grade U. S. Highway 61, New Madrid to Portageville.

Mo., St. Charles—City, Mayor Broeker, plans letting contract to pave with brick, Washington St., Second to Third.

Mo., St. Joseph—City, Bd. of Public Works, plans resurfacing N. Seventh St., Robidoux to Felix; pave alley between Mitchell Ave. and Penn St.; grade Lafayette St., Thirty-third to Thirty-sixth.

Mo., St. Louis—City, Bd. of Public Service, receives bids June 19 to improve Fyler Ave.; rebuild Montgomery St.

Mo., St. Louis—Bd. of Public Service receives bids June 12 for 27,300 sq. yd. grading, conc. paving, alleys, \$73,500; W. W. Horner, City Engr.

Mo., St. Louis—Bd. of Public Service receives bids June 19 to improve Chippewa St., Lonsdowne, Oregon, Genevieve Ave.; rebuild Euclid Ave., etc.

North Carolina—State Highway Comm., Raleigh, receives bids June 19 for 117.4 mi. gravel and hard surfaced roads in 16 counties; bridge and overhead crossing in 21 counties: Northampton, Tyrrell, Perquimans, Sampson, Granville, Orange, Lee, Person, Alamance, Montgomery, Gaston, Anson, Union, Cabarrus, Mecklenburg, Forsyth, Surry, Alleghany, Avery, Buncombe.

N. C., Charlotte—State Highway Comm., Raleigh, plans letting contract June 19 to re-build 18-ft. York road, into Charlotte, connecting with South Tryon St. Extension.

N. C., Charlotte—City, Mayor Redd, plans \$600,000, paving and storm sewers; \$150,000, street widening, etc. See Financial News.

N. C., Lexington—State Highway Comm., Raleigh, plans widening and grading Highway 10, Thomasville, Davidson County to High Point, Guilford County.

N. C., Winston-Salem—City plans paving West Fourth St., Main to Glade St.; widen W. Fourth St., Marshall to Glade; receives bids June 13 to pave Vine St. with Durax blocks; Thomas Barbour, Mayor.

N. C., Winston-Salem—City, Bd. of Aldermen, W. H. Holcomb, Sec., plans paving W. Fourth St., Main to Marshall; Brookstown Ave. to Glade St.; Marshall to Brookstown Ave.

Okla., Muskogee—City probably receive bids July 9 for 14,610 sq. yd. 6-in. plain conc., on 10 blocks N and O Sts.; \$61,060; Hugh Dickson, City Engr.

Okla., Oklahoma City—City, E. M. Fry, Mgr., plans repairing road to city dam.

Okla., Oklahoma City—City, E. M. Fry, Mgr., received low bid from M. A. Swatek Co., 519½ W. Main St., \$2,60 sq. yd. to pave with conc. Fonsill and Walker Ave.; Western Paving, Petroleum Bldg., \$3.48 per yd. to rock asphalt surface Park Place and Eleventh St. and on Shartel Ave. Dist., Thirtieth to Thirty-second.

Okla., Oklahoma City—City, E. M. Fry, Mgr., plans widening Broadway, Twentieth to Twenty-second; pave Grand Blvd.

Okla., Oklahoma City—City, E. M. Fry, Mgr., plans paving Jordan Ave., Fourth to Sixth, Sixth St., Jordan to Kelham Ave.

Okla., Tulsa—City Comm. plans surfacing Cheyenne Ave., Elwood Addition to Denver Blvd.; paving Tecumseh St., Denver to Cheyenne Ave.; Bert M. Hart, City Engr.

S. C., Aiken—Aiken County plans loan of \$1,150,000 to State Highway Dept., Columbia, for 4 roads: 21.5 mi. Route, Aiken to Saluda County line; 9.5 mi. Route 25, through North Augusta, to Edgefield County line; 5.5 mi. Route 78, Aiken through Montmorenci; 1 mi. connection between Route 1 and Route 39, through Monetta.

S. C., Laurens—Laurens County considering 2 roads: Clinton-Kinards, Highway 2; 12 mi. Enoree-Laurens road, Highway 10.

S. C., Moncks Corner—State Highway Comm., Columbia, contemplates 1 mile marl road, State Highway 46, Moncks Corner to Pinopolis, \$20,000; improve 4 mi. road, Moncks Corner to Pinopolis, \$10,000.

S. C., St. George—Dorchester County plans 2 roads: 5.5 mi. Route 30, Rosinville to St. George; section of Route 78, St. George, extending east and west from intersections Routes 30 and 78; sold bonds.

Tennessee—Dept. of Highways and Public Works, Nashville, plans letting contracts in Aug. for 3 roads: 9 mi. grading, drafting road from Newport, east; 11 mi. grading, draining between Dandridge and Jefferson County, both on Knoxville-Asheville route; 11 mi. Washington County, Johnson City to Kingsport, Knoxville-Kingsport Highway.

Tenn., Bolivar—Hardeman County Bd. of Supvrs., M. R. Hizer, Judge, plans \$500,000 roads. See Financial News. 5-10

Tenn., Centerville—Hickman County plans completing State Highway 48, from Centerville to Lewis County line.

Tenn., Columbia—City Council considering repairing various streets, including widening W. Seventh St.; improving Galloway St.

Tenn., Dunlap—Sequatchie County, J. C. Moore, Judge, considering expending \$8000 to \$8200, to improve West Valley road, Dunlap to Marion County line.

Tenn., Huntingdon—City plans \$50,000 street paving. See Financial News.

Tenn., Knoxville—City, Otto Roehl, Mgr., plans widening and extending Wall Ave. through to Western Ave., etc. See Financial News.

Tenn., Loudon—Dept. of Highways and Public Works, Nashville, plans taking over 23 mi. Poplar Pike road, Memphis, Shelby County, to Fayette County line; straightening and concreting; \$70,000.

Tenn., Memphis—Dept. of Highways and Public Works, Nashville, plans taking over 23 mi. Poplar Pike road, Memphis, Shelby County, to Fayette County line; straightening and concreting; \$70,000.

Tenn., Sevierville—Sevier County Court plans \$275,000 as county's share toward building 125 mi. roads, connecting roads in Knox, Cocke, Blount and Jefferson Counties; total cost \$415,000. See Financial News.

Tenn., Winchester—City, E. C. Mowry, Mayor, receives bids June 15 for 5800 sq. yd. rock asphalt surface, 3570 lin. ft. conc. curb and gutter.

Texas—State Highway Comn., Austin, appropriated \$9000 for surveys of Highway 3, from San Antonio-Del Rio, including plans to improve section in Medina County, bridges over Frio and Nueces Rivers, and over county line creek, between Kinney and Val Verde Counties.

Tex., Albany—Shackelford County, Richard Dyess, Judge, plans 17.3 mi. bit. macad. surface, Highway 1-A, point west of Albany to Jones County line; \$269,000; Jas. E. Pirie, Res. Engr.

Tex., Arlington—City plans paving College St., Port Worth Pike to North Texas Agricultural College; Myers, Noyes & Forrest, Engrs., Mercantile Bank Bldg., Dallas.

Tex., Austin—City, P. W. McFadden, Mayor, appropriated \$425,000 to pave 12 streets and re-surface Congress Ave. and sections of Sixth St. 5-31

Tex., Austin—State Highway Comn. authorized \$275,000 to build 2 sections of Post road, south of Austin, Travis County, including elimination of corkscrew curve; 1.06 mi. road, and bridge over Williamson Creek, \$40,836; 11.5 mi. road, including several bridges, \$190,800.

Tex., Barstow—Ward County, Judge Sweatt, plans Monahans-Kermit Highway from intersection of Highway 1, Bankhead Highway, to Winkler County line.

Tex., Brackettville—Kinney County, John H. Stadler, Judge, plans 9 mi. grading, bridges, rock asphalt surface, stone base, Highway 131, Brackettville to Spofford; \$124,850.

Tex., Brownsville—Cameron County Comrs. Court, J. J. Bishop, Auditor, receives bids June 21 for conc. paving on 8 roads, grading and structures on 5 roads: 4 mi. Old Alice road; 4 mi. Paredes Line road; 6.7 mi. Blue Town and Military; 2.5 mi. Briggs; 5 mi. South Line Wilson Tract road; 8 mi. Combes-Santa Rosa, and Santa Rosa West roads; 9.4 mi. Military road, west; 7.2 mi. Southmost road; grade and drain; 2.1 mi. Pennsylvania Ave. road; 3 mi. Oscar Williams; 3 mi. Military; 2 mi. Line "M" road; 2.5 mi. Fresnal; W. O. Washington, County Engr.

Tex., Corpus Christi—City, J. T. Wright, Sec., plans paving N. Spanish St., Mill to Mason.

Tex., Elgin—City, R. L. Carter, Mayor, will tarviolate North and South First St.

Tex., Floydada—City considering 37 blocks additional paving; G. A. Linder, City Engr.

Tex., Fort Stockton—City, R. D. Blaydes, Mayor, contemplates 25,000 yd. street paving. 4-26

Tex., Galveston—Galveston County, John M. Murch, County Auditor, receives bids July 3 for limestone rock asphalt paving, Sixty-first St. road, Broadway to Ave. S, or main island road; 1000 tons limestone asphalt surface; 6600 lin. ft. preparation base, 15,000 gals. water, 150 cu. yd. mudshell.

Tex., Hallettsville—Lavaca County, C. L. Stavinoha, Judge, plans 8.068 mi. bit. macad. or conc., Highway 72, Hallettsville to point near Sweet Home; \$180,000 to \$210,000; W. H. Koether, Engr., Yoakum.

Tex., Hempstead—Waller County Comrs. plan \$330,000 to improve State Highway 6, Houston-Dallas Highway, and lateral roads, Precincts 1 and 6. See Financial News.

Tex., Houston—City, W. A. Moore, Sec., received low bids from A. M. Arnold Co., 1622 Elder St., \$19,500 for 2-in. rock asphalt paving, McGregor Way, Alameda road to Riverside Drive. 5-24

Tex., Lagrange—Fayette County, Theo. W. Lueders, Judge, plans 7.660 mi. grading, bridges Highway 71, end of Project 319 to Bastrop County line; \$104,845; R. E. Schiller, County Engr.

Tex., Lancaster—City, J. C. Hawks, Mayor, plans \$11,000 street paving. See Financial News.

Tex., Newton—Newton County, E. A. Lindsey, Judge, plans grading, bridges, gravel surface, asphalt top, Highway 45, through county; total cost \$450,000. See Financial News.

Tex., Palestine—Anderson County, E. H. Shelton, Judge, plans 10.222 mi. rein. conc., Highway 19, city limits of Palestine to end of Fed. Aid Project 403-C; \$282,000.

Tex., Raymondville—Willacy County plans \$400,000 road building in Lyford Dist. No. 1. See Financial News.

Tex., San Antonio—City, Fred Fries, Clk., receives bids June 11 to pave Duncan Ave. and Wesley St.; I. Ewig, City Engr.

Tex., San Antonio—City, C. M. Chambers, Mayor, received low bid from Southwest Bitulithic Co., 302 Castro St., \$14,247, to improve N. St. Mary's St. to Camden St. 5-24

Tex., San Antonio—City, Fred Fries, Clk., plans expending \$600,000 to open and widen various streets, including Main Ave., Dolores St.; \$150,000 for bridges over San Antonio River. 5-31

Tex., Sweetwater—Nolan County, A. S. Mauzey, Judge, plan 3.783 mi. grading, bridges, Highway 70, Sweetwater to Fisher County line, \$33,600; S. C. Dougherty, Engr.

Tex., Victoria—State Highway Comn., Austin, plans letting contracts about Aug. 1 for Highway 12, Victoria County; considering Victoria-Refugio road.

Tex., Whitesboro—City, Dr. W. R. Younger, Mayor, considering widening proposed 18-ft. conc. highway through town to 100 ft. through business district and 36 ft. through residence section.

Virginia—State Highway Comn., Richmond, received low bids for 2 roads: Tazewell County—44 mi. grade and drain, road, from point north of Wardell, Worden Construction Co., \$6814; Wise County—3.25 mi. bit. material, Coeburn, east, Atlantic Refining and Asphaltizing Corp., 260 S. Broad St., Philadelphia, Pa., \$8965. 5-17

Virginia—State Highway Comn., Richmond, receives bids June 21 for 3 roads: Proj. F496G—3 mi. soil or gravel; S509—3 mi. rock asphalt; alternates on cold mix bit. pavement, sheet asphalt; all to include conc. base and conc. shoulders; F531—2.2 mi. rock asphalt; alternates on cold mix, bit. pavement, sheet asphalt; conc. base and shoulders; H. G. Shirley, Chmn.

Va., Petersburg—State Highway Comn., H. G. Shirley, Chmn., Richmond, plans Hopewell Highway, Petersburg to Hopewell; \$150,000 appropriated.

Va., Richmond—City, R. Keith Compton, Dir. of Public Works, received low bids \$59,526, for grading, graveling, 10,773 lin. ft. curbing, guttering, on 2 mi. streets: John J. Curley, 901 N. Fourth St.; A. L. Phillips, 2010 Noble Ave.; R. K. Williams, 505 S. Davis Ave. 5-24

W. Va., Hinton—City, Hume K. Nowlan, Mgr., receives bids June 21 for 27,000 sq. yd. brick, conc. or asphalt wearing surface paving, curbing in Hinton and Avis; sanitary sewers, Bellepoint; J. E. Settle, Const. Engr., Charleston.

W. Va., Wheeling—City Council plans grading Curtis Ave., Third to Fourth; may grade Alive Ave.

Contracts Awarded

Ala., Birmingham—City Comn., Eunice Hewes, Clk., let contracts totaling \$167,565, for street paving and sewers; Paving—J. W. Gwin, Comer Bldg., and Southern Roads Co., Pioneer Bldg., both Birmingham; W. H. Pattle, Livingston; Wesco Co.; Sewers—Ross & McCormick; A. H. Dimijian, Woodward Bldg., Birmingham.

Ala., Greenville—City let contract to J. O. Walters Paving Co., \$7000, to pave Bolling

St., Commerce to Five Points; West Commerce from College St. extension to city limits.

Ark., Camden—Horton & Price, Texarkana, have contract to grade 1½ mi. Camden-East Highway, across 2 mi. Ouachita River bottom from Martin Free Bridge; 15-ft. high; 30-ft. roadbed, probably conc.

Ark., Prescott—City let contract to Otto Yenglin, Texarkana, \$55,000 for rein. conc. street paving.

D. C., Washington—Dist. Commr. let contract to Pennell & Harley, Inc., Mont Bldg., Spartanburg, S. C., \$414,300, and Aiello Construction Co., Gough and Fourth St., Baltimore, \$335,055 for conc. roadways; Aiello Construction Co., \$100,940, cement alleys; G. B. Mullin Co., Inc., 1296 Upshur St., N. W., Washington, \$85,050, cement sidewalks; McGuire & Rolfe, 101 M St., N. E., Washington, \$382,580, resurface highways with sheet asphalt, lay new base; Dranford & Co., 3056 K St., N. W., \$120,800, conc. curbs and gutters, readjust macad. roadway; Corson & Gruman Co., Thirty-third and K St., N. W., \$143,549, widen, pave and repave various streets.

Fla., Lake Butler—Union County Bd. of Bond Trustees let contract to L. M. Gray, Gainesville, \$325,006 to hard surface 30 mi. roads: Road 49, Worthington to Sapp Station, and Road 56, Lake Butler to Providence.

Fla., Moore Haven—Price & Simmons, Okeechobee, have sub-contract under C. A. Steed & Sons, West Palm Beach, for grading, bridges, from Venus to Main's Corner.

Fla., St. Petersburg—Georgia Engineering Co., Citizens Natl. Bank Bldg., has contract for about 18 blocks street paving; \$996,000 available; L. E. Hedberg, Dir. of Finance.

Georgia—State Highway Comn., East Point, let contracts for 8 roads and 9 bridges: Brantley-Glynn Counties—17.93 mi. grading and bridge, Waycross-Brunswick road, Thompson & Moseley, 608 Tampa St., Tampa, Fla., \$100,006; Butts County—5.73 mi. paving, Jackson to Indian Springs, Powell Paving Co., Wachovia Bk. Bldg., Winston-Salem, N. C., \$110,153; Dougherty County—2.5 mi. conc. curb and shoulders, Albany-Camilla road, Whitley Construction Co., LaGrange, \$11,007; Jeff Davis County—4.2 mi. paving and bridge, Lumber City to Hazelhurst, J. W. Cramell, Luthersville, Ga., \$19,010; Meriwether County—13 mi. conc., Greenville to Manchester, Davis Construction Co., Walton Bldg., Atlanta, \$259,716.

In Muscogee County—12.2 mi. paving, Columbus-Talbotton road, Davis Construction Co., \$249,861; Seminole-Early Counties—10.84 mi. grading, Donaldsonville-Dothan, Ala., road, Wofford & Co., Dothan, Ala., \$53,004; Towns County—6.66 mi. macad. road, Young Harris to Hiawasse, Evans & Lange, Blairsville, \$48,210; Turner County—15.7 mi. Cordele to Tifton, J. R. Cochran, Atlanta; Bridges: Brooks County—on Quitman-Thomasville road, H. E. Ragsdale, 397 Morgan Ave., Macon, \$11,683; Grady County—on Bainbridge-Cairo road, H. E. Ragsdale, \$9060; Jackson County—between Gainesville and Jefferson, E. M. Williams, Monroe, \$6105; Seminole-Early Counties—2 bridges, Donaldsonville-Dothan road, Geo. A. Thomason, Macon, \$7358; Talbot County—2 on Columbus-Macon road, W. J. Tidwell, Jr., Douglasville, \$11,758.

Ga., Bainbridge—City, W. L. Elkinson, Mayor, let contract to Rutherford Construction Co., Lake Wales, Fla., to pave several principal streets. 5-10

Ga., Calhoun—State Highway Comn., Atlanta, let contract to Carter Construction Co., Chattanooga, Tenn., 31 mi. road between Calhoun and Ringgold; \$350,000.

Ga., Dawson—Higgison Construction Co., Macon, has contract to pave Lee St.

Ky., Paducah—City, E. R. Bradshaw, Comr. of Public Works, let contract to Southern Roads Co., Pioneer Bldg., Birmingham, Ala., \$39,100, for sheet asphalt paving, West Jefferson St., Nineteenth to Twenty-fifth.

La., Alexandria—City let contract to C. A. DeJersey, Monroe, for rock asphalt re-surfacing on Polk St.; \$11,000. 5-17

La., New Orleans—City let contract to Globe Construction Co., Louisiana Bldg., for temporary surface on 17 streets, including Evelina, Verbena; to Henry P. and Joseph F. Fagan, for sub-surface drainage on 16 streets, including Magnolia, N. Anthony.

Miss., Gulfport—Harrison County Bd. of Suprs. let contract to Southern Paving Constr. Co., Vol. Life Bldg., Chattanooga, Tenn., \$350,804, for 12 mi. paved extension Beach Blvd., along New Orleans Gulf Coast, Bay St. Louis, through Clermont Harbor.

Mo., Columbia—City let contract to Tidd & Pimm, Hutchinson, Kan., \$39,157, for street paving.

Mo., University City, Branch St. Louis—City let contract to Clyde L. Israel, 2424 Oakland Ave., Overland, Mo., \$43,785, to Midland Blvd., Dorset and Shaftesbury Ave.

N. C., Thomasville—City, R. M. Cooksey, Mgr., let contract to Gray Concrete Co., \$15,000, for 3900 sq. yd. 7-in. plain conc. paving, 2200 lin. ft. conc. curb, 6880 sq. ft. conc. sidewalks, 2500 cu. yd. excavation. 5-31

Okla., Ada—Chilcutt & Fry Bros., Ada, have contract \$30,541, for conc. paving in Dist. 28.

Okla., Altus—City let contract to Highway Construction Co., Kennedy Bldg., Tulsa, \$36,211, for 9200 sq. yd. grading, conc. paving.

Okla., Bartlesville—City let contract to Hamilton Construction Co., Bartlesville, \$28,439, to pave 4 blocks of streets and 5 alleys.

Okla., Ponca City—City let contract to W. B. Carter, 1509 E. Admiral St., Tulsa, for street improvement in Dist. 75.

Okla., Tulsa—City let contract to Standard Paving Co., 1742 E. Sixth St., \$30,754, for 7600 sq. yd. sheet asphalt paving, Dist. 869.

Okla., Tulsa—City Comm. let contracts, \$53,423, for paving in Improvement Districts: Western Construction Co., 229 N. Nogales St.; Standard Paving Co., 2119 E. 11th St.; H. L. Cannady Co., 1116 S. Lewis St.

Okla., Tulsa—Tulsa County Commrs. let contract to Standard Paving Co., 1742 E. Sixth St., \$20,220, for conc. paving, 2 mi. west of Red Fork; 1 mi. Turkey Mountain Highway.

South Carolina—State Highway Comm., Columbia, let contracts for 9 roads, 7 bridges, 2 underpasses: Lexington and Saluda Counties—excavation for underpass, Southern Ry. near Leesville; approach to overhead bridge, Batesville; grade 3.6 mi. road, western limits of Batesville to Aiken County line, Stewart-Jones Co., Rock Hill, \$38,243; Dorchester County—6.7 mi. Rosinville to St. George, Ingalls Construction Co., Saluda; Greenwood County—6.7 mi. U. S. Route 25, end of pavement near Greenwood toward Edgefield, Pennell & Harley, Inc., 526 Mont Bldg., Spartanburg, \$169,690; Anderson County—8.3 mi. Route 20, Honea Path to Belton, Pennell & Harley, Inc., \$176,776.

In Pickens County—5.2 mi. Route 2, Easley to Liberty, Clausen-Lawrence Construction Co., Augusta, Ga., \$91,147; grading, Anderson County—16.7 mi. Routes 20 and 1513, Pelzer to Anderson, Gregory & Welsinger, Virgilina, Va., \$56,947; Charleston County—6 mi. Route 40, McClellansville to Santee, Richardson Construction Co., 15 New St., Charleston, \$27,520; Pickens County—5 mi. Route 2, Liberty to Central, E. M. Beckham, Perry, Ga., \$35,069; Spartanburg County—4.3 mi. Route 9, Union County line to Whitestone, C. C. Clement, Swansea, \$21,462; Charleston-Colleton Counties—refloor Edisto River Bridge, Route 17, Palmer Construction Co., Box 652, Florence.

In Anderson County—3 conc. bridges, Anderson to Clemson College, Route 15, over Six and Twenty Mile Creek; over Hurricane Creek; over Three and Twenty Mile Creek, Southern Concrete Products Co., Boulevard, Anderson, \$33,519; Kershaw County—treated timber bridge, Longtown road, Kershaw County Bridge Forces, Camden, \$5560; Charleston County—repairs Ashley River Bridge, Route 17, Marine Contracting and Towing Co., 106 Concord St., Charleston; Chester-Union Counties—reconstruct floor to Broad River Bridge, Lockhart, Palmer Construction Co., \$6419; Florence County—underpass, under Seaboard Air Line Ry. near Florence, Route 17, Palmer Construction Co., \$12,038. 5-17

S. C., Myrtle Beach—Fiske-Carter Construction Co., Worcester, Mass., Greenville and Spartanburg, S. C., have contract for paving under direction Dr. Joseph Hay Amies, Engr., Philadelphia, Pa.; T. M. Jordan, Res. Engr., Myrtle Beach Estates, supervising.

Tenn., Johnson City—City, T. H. McNeil, Recorder, let contract to Southeastern Paving and Construction Co., Johnson City, for 4 mi. 18-24 ft. conc. paving, 25,000 lin. ft. curb and gutter; B. G. Young, Johnson City, for 25,000 cu. yd. excavation and grading; \$101,828.

Tenn., Kingston—City, Bd. of Mayor and Aldermen, let contract to Southeastern Paving and Contracting Co., Johnson City, for conc. streets and sidewalks, sewers, in Districts 52, 54 and 56, Borden Mills Village. 5-31

Tenn., Knoxville—Southern Paving & Construction Co., Volunteer Life Bldg., Chattanooga, contractors for 37 paving districts, sublet contract to Lee A. Gridley Construction Co., 1720 Rose Ave., for all paving districts having conc. base and surface and sewer lines; to W. I. Kirby, grading. 5-10

Texas—State Highway Comm., Austin, let contract for 3 roads, bridges: Robertson County—1.066 mi. grading, gravel surfacing, Highway 43, Austin Bridge Co., Box 1094, Dallas, \$37,791; Montgomery County—16.916 mi. grading, draining, Highway 35, Chas. Epps, San Augustine, \$75,239; timber pile trestles, Brown, Abbott & Co., 842 Wilson Bldg., Dallas, \$82,048; Hopkins County—16.760 mi. conc. Highway 1, Jagoe Construction Co., Box 1448, Dallas, \$396,409; Harris County—747-ft. steel span and conc. approaches, Highway 19, Sullivan & Davis, Granger, Tex., \$60,416; Zavalla County—781.91 ft. through steel trusses, conc. girder approaches, Highway 55, Walsh, Burney & Moore, Frost Natl. Bank Bldg., San Antonio, \$77,081. 5-17

Texas—State Highway Comm., Austin, let contracts for 14 roads, 2 bridges: Jones County—553 mi. gravel and crusher run base, bit. macad. surface course, city of Stamford, Highway 18, Dexter Construction Co., 605 N. Texas Bldg., Dallas, \$7,211; 14.71 mi. gravel and crusher run broken stone base, bit. macad. surface, Highway 18, Dexter Construction Co., \$220,830; Grimes County—706 mi. conc. Navasot, Highway 6, Roy Tanner Paving Co., 1244 N. Main St., Tulsa, Okla., \$16,188; 5.446 mi. conc. Highway 6, J. P. Foty and S. W. Gaylord Co., Box 1486, Wichita Falls, \$123,541; Nolan County—9.098 mi. caliche base bit. macad. surface, Highway 7, Cooke & Turner, Marshall, \$120,346; Austin County—9.144 mi. conc., Highway 36, Ben Flynn, Blackwell, Okla., \$191,564; Ellis County—8.76 5mi. conc., Highway 6, Gibson & Gibson, Pauls Valley, Okla., \$86,486; Bexar County—3.150 mi. drainage structures, rock asphalt surface treatment, Highway 81, Colglazier & Hoff, 125 Crosby St., San Antonio, \$40,280; El Paso County—956 mi. grading, draining, conc. paving, Highway 130, El Paso Bitulithic Co., 160 N. Piedros St., El Paso, \$25,306; Guadalupe County—9.712 mi. grading, draining, Highway 3-A, H. B. Zachary, Laredo, \$36,040; Paul Schriewer, Seguin, \$29,900, drainage structures; Uvalde County—9.661 mi. grading, draining, Highway 55, H. B. Zachary, \$26,829; Jackson County—4.153 mi. grading, draining, Highway 12, Walsh, Burney & Moore, Frost Natl. Bank Bldg., San Antonio, \$13,681; Sullivan & Davis, Granger, \$46,837, for drainage structures; Randall County—8.208 mi. grading, draining, Highway 9, R. B. Stroup, Quanah, \$13,234; Grayson County—7.097 mi. grading, draining, Highway 6, R. B. Stroup, \$45,630; 7.198 mi. grading, draining, Highway 6, Culverhouse, Jones & Shilling, Itasca, \$18,335; Hemphill County—2.36 mi. creosoted timber bridge and earth approaches, Washita River, Highway 4, Austin Bridge Co., Box 1094, Dallas, \$17,755; Garza County—434-ft. conc. girder bridge, Double Mountain Fork of Brazos River, Highway 7, Austin Bridge Co., \$23,944. 5-10

Texas—State Highway Comm., Austin, let contracts for 7 roads, 2 bridges: Baylor County—674 mi. bit. macad., Highway 24, H. K. McCollum, Ft. Worth Natl. Bldg., Fort Worth, \$61,905; Hall County—2 mi. conc., Highway 5, J. P. Foty, Iowa Park Rd., Wichita Falls, \$56,168; Maverick County—grading, draining, Highway 85, Walsh, Burney & Moore, Frost Natl. Bank Bldg., San Antonio, \$7711; Panola County—15 mi. grading, draining, Highway 64, J. S. Moore & Sons, Lufkin, \$81,391; Taylor County—14 mi. grading, draining, Highway 30, C. P. Childs, and E. A. Bucey, Rising Star, \$52,224; Tom Green County—15 mi. grading, draining conc. paving, Highway 30, David H. Ryan, San Diego, Calif., \$340,013; Wharton County—23 mi. conc., Highway 12, Russ Mitchell, Petroleum Bldg., Houston, \$510,345; Bowie and Cass Counties—timber bridge over Sulphur River, Highway 1, Austin BBRidge Co., 1813 Clarence St., Dallas; Dallam County—timber panel bridge and earth approaches, Highway 5, Austin Bridge Co., \$10,473. 5-17

Tex., Dallas—A. F. Moberly, 5127 Willis St., has contract to grade streets in second section Elmwood Addition.

Tex., Denton—Jagoe Construction Co., Denton, has contract for 11 blocks rein. conc. base, 2-in. rock asphalt top paving, W. Sycamore St. and Oakland Ave. 5-1

Tex., Floydada—City let contract to L. H. Lacy Co., Dallas, \$168,000, for 6-in. steel rein. conc. paving, 23 blocks of streets, and 3 alleys. 4-19

Tex., Galveston—Innocenti Electric Co. has contract, \$24,683, for highway and causeway lighting.

Tex., Harlingen—F. P. McElwrath Paving Co., Corsicana, has contract to complete \$25,000 paving on 5 streets.

Tex., Littlefield—City, H. C. Cundiff, Sec., let contract to Dozier Construction Co., Austin Natl. Bank Bldg., Austin, \$58,000 for 23,578 sq. yd. conc., brick or bitulithic paving.

Tex., Lufkin—City let contract to Scott Shambaugh, 203 Larendon Bldg., Houston, \$107,022, for 44,400 sq. yd. conc. paving, rock asphalt top, 17,700 lin. ft. curb and gutter.

Sewer Construction

Sewer construction in LAND DEVELOPMENT projects involves the expenditure of large sums of money. Under that classification details of these improvements are reported.

Ala., Birmingham—See Roads, Streets, Paving.

Ala., Hartsboro—See Roads, Streets, Paving.

Ala., Montgomery—City receives bids June 12 for sanitary sewer. See Want Section—Bids Asked.

Ala., Russellville—See Roads, Streets, Paving.

Ala., Selma—City construct sewer on Third Ave., Lauderdale to Kaiser Sts.

Ark., Bald Knob—City plans sanitary sewer system; Wm. Crooks Engr. Co., Engrs., Home Ins. Bldg., Little Rock.

Ark., Berryville—See Water Works.

Ark., Fort Smith—City has plans in progress, call for bids about June 15 for sewers; O'Shea & Peck, City Engr.

Ark., Sheridan—See Water Works.

Ga., Atlanta—C. A. Pittman Co., 175 S. Forsyth St., will probably receive contract for outfall sewer. 5-17

Ky., Owensboro—Consoer, Older & Quinlan, Inc., Engrs., 205 W. Walker Drive, Chicago, Ill., completed preliminary survey for \$1,100,000 trunk line and intercepting and relief sewers. 5-17

La., Baton Rouge—City receives bids June 26 for sanitary sewer improvements. See Want Section—Bids Asked.

La., Baton Rouge—City receives bids June 26 for sanitary sewers. See Want Section—Bids Asked.

La., De Quincy—See Roads, Streets, Paving.

Md., Cumberland—City let contract to Cumberland Contracting Co., Valley St. Bridge, at \$112,582 for widening, dredging and walling in of Willis Creek for flood protection; authorized Leander Schaidt, Special Flood Engr., 12 Green St., to call for bids for lowering Chesapeake and Ohio dam as soon as plans are ready. 2-10-27

Miss., Pelahatchie—City plans sewer system, call for bids in July; Morgan Co., Inc., Engr., Edwards Bldg., Jackson.

Mo., Pacific—City contemplates sewer system.

Mo., St. Joseph—Hugh Devlin, low bidder for sewers in Dist. No. 139; Harrington Contracting Co., at \$5447, for 3 extensions to Whitehead sewer; Tom Johnson, Inc., 3745 Wayne St., Kansas City, Mo., at \$8443, for upper Whitehead storm sewer.

Mo., Troy—City has preliminary plans by Russell & Axon, Consit. Engrs., Ry. Exchange Bldg., St. Louis, for sewers. 5-31

Mo., University City—Board of Local Improvements receiving bids for sewers in Dists. No. 50, 58 and for Tulane-Jackson Joint sewer district.

N. C., Charlotte—See Water Works.

N. C., Ft. Bragg—Constr. Quartermaster receives bids June 18 for sewers. See Want Section—Bids Asked.

Okla., Muskogee—March & Hogle have contract at \$6148 for sewers in Dist. 100; open bids June 11 for sewers in Dist. 101; Hugh Dickson, City Engr. 5-31

Tenn., Kingston—See Roads, Streets, Paving.

Tenn., Knoxville—City, Otto Roehl, Mgr., plans voting on sewer bonds. See Financial News.

Tenn., Nashville—City Board of Public Works plans water and sewer extensions.

Tenn., Nashville—City let contract for sewers to J. W. Quinn, 901 18th Ave., S. T. I. Curtis, 101 Public Sq.

Tenn., Selmer—See Water Works.

Tex., Asherton—City votes June 16 on \$25,000 sewer bonds.

Tex., Alvin—City will acquire sewer system owned by T. C. Edwards; will incorporate into system now under construction.

Tex., Dallas—Alex F. Weisberg, Chmn., Ulrickson Committee on Supervision of Expenditures, considering having complete engineering survey of storm sewer made by W. J. Powell, Rep. Bank Bldg., associated with Meyers, Noyes & Forrest. 4-5

Tex., Fort Worth—Bertram & Purvis has contract at \$83,078 for storm sewer in River-side.

Tex., Hico—See Water Works.

Tex., Houston—City plans rebuilding Lee-land Ave. sanitary sewer between Scott and Huston Sts.; cost \$30,000; J. C. McVea, Engr.

Tex., Marlin—City votes June 26 on \$38,000 sewer bonds.

Tex., San Antonio—George W. Fuller, 170 Broadway, New York, submitted proposition to city for engineering work in connection with construction \$1,250,000 disposal plant.

Tex., San Saba—Wilson & Seward, Brady, have contract at \$44,191 for vit. clay pipe sanitary sewers.

Va., Roanoke—M. S. Hudgins low bidder for sewer project No. 1; Tinsley Construction Co., for project No. 2 and 3, 4 and 5 and 6.

W. Va., Hinton—See Roads, Streets, Pav-ing.

Telephone Systems

La., Sulphur—Cameron Telephone Co. will improve line from Sulphur to Hackberry Island.

Missouri—Public Service Comn., Jefferson City, authorized T. L. Leonard to transfer to Ozark Central Telephone Co. all property of Freeburg Telephone Co. at Freeburg and Westphalia Telephone Co. at Westphalia, together with franchise and rights and contracts; also authorized transfer by Missouri Mutual Telephone Co. and T. L. Leonard to Ozark Central Telephone Co., with franchise rights contracts in connection therewith at Linn, Osage County; and Ozark Central Telephone Co. to operate these systems.

Miss., Clarksdale—Southern Bell Telephone and Telegraph Co., Atlanta, Ga., plans ex-tensions, including remodeling central office on Delta Ave.

Mo., Hillsboro—State Public Service Comn. authorized Scotia Telephone Co., St. Louis, to purchase and operate telephone exchange and property from Mrs. Luther Haskey at Hillsboro, Jefferson County.

N. C., Charlotte—C. C. Coddington, 500 W. Trade St., plans complete rebuilding of radio station WBT; increasing power from 1000 watts to 5000 watts; remove transmission station to site on Nations Ford Rd., 8 mi. south of Charlotte; erect building 36x26 ft.; install new equipment; expend \$100,000; E. J. Gluck, Engr., 1622 Garden Terrace, with Paul Rosekrans, 1905 Euclid Ave., will supervise construction work in connection with engi-neers of General Electric Co., Schenectady.

Tex., San Antonio—Southwestern Bell Tele-phone Co., St. Louis, Mo., Harry Martyn, Dist. Mgr., expending \$204,000 for extensions and improvements to take care of suburban business.

Virginia—Chesapeake and Potomac Tele-phone Co. of Virginia, John S. Eggleston, Pres., Richmond, plans expending \$14,000 for additional exchange and toll lines in Tide-water, and extending service between Quinby and Belle Haven, and additional circuit from Norfolk to Charlotte, N. C.

Textile Mills

Alabama—Alabama Mills Co., Birmingham, reported, soon let contract through Robert & Co., Inc., Engrs., Atlanta, Ga., for humidi-fying contract for 10 mills.

Ala., Anniston—United Chambers of Com-merce, C. A. Hamilton, Pres., advises have signed contract with Pilling & Madlay Co., Inc., 2150 E. Huntington St., Philadelphia, Pa., and are to erect building for them at once; they expect to move their plant, which is located in Philadelphia, within next 4 months.

Ala., Anniston—United Chambers of Com-merce, C. A. Hamilton, Pres., advises, re-garding report that Union Mills, Inc., 377 Broadway, New York, would remove plant to Anniston: "We had a proposition up for subscription of funds in Union Mills, which owns and operates plants in Mechanicsville, Hudson, and two or three other cities in New York State, but turned this proposition down."

Ala., Birmingham—Strowd-Holcombe Cot-ton Mill, Vanderbilt Pike, reported, soon let contract for humidifiers in plant under con-struction.

Ga., Calhoun—Echota Cotton Mills let sub-contract to Edens & Moon, 204 Pendleton St., Greenville, S. C., for plumbing for mill addition; J. A. Piper Roofing Co., Green-ville, S. C., for roofing and sheet metal; American Cast Iron Pipe Co., Birmingham, Ala., for columns; Fiske-Carter Construction

Co., Gen. Contr., Masonic Temple, Green-ville, S. C.

Ga., Columbus—Swift Mfg. Co., 1410 Sixth Ave., planning to equip plant with humidify-ing systems.

Ga., Dalton—Westcott Hosiery Mills let contract to Grinnell Co., Charlotte, N. C., for piping, etc., and Otis Elevator Co., Com'l Bk. Bldg., Charlotte, N. C., for elevator.

Ga., High Shoals—High Shoals Mfg. Co. advises Bd. of Directors have come to no decision yet to rebuild burned mill.

Ga., Rome—Nichols Const. Co., 1281 La-France Ave., Atlanta, has contract for grad-ing site for American Chatillon Corp.'s rayon silk mill; plans in progress for superstruc-ture by Lockwood, Greene & Co., Engrs., Pershing Sq., New York, and Charlotte, N. C.; soon call for bids for construction mill units; cost of plant \$4,000,000.

Ga., Shannon—Brighton Mills, Passaic, New Jersey, reported, plan moving plants at Passaic and Allwood, N. J., to the South; concentrate at Shannon; stockholders will vote June 6 on removal.

La., Lafayette—H. M. McCord, 505 Fifth Ave., New York, reported, interested in es-tablishment 12,000 spindle mill.

La., New Orleans—Lane Cotton Mills Co., 434 Cadiz St., placed contract with American Moistening Co., 276 Marietta St., N. W., At-lanta, for humidifying 4 story carding mill and for revamping main spinning mill with humidifiers and automatic humidity control.

North Carolina—Cannon Mills Co., main office Kannapolis, reported, to be formed by consolidation 9 mills in Cannon chain; In-cluded in merger are: Cannon Mfg. Co., Cabarras Cotton Mills, Concord and Kan-napolis; Gibson Mfg. Co., Franklin Cotton Mills, Norcott Mfg. Co., and Hobartson Mfg. Co., all of Concord; Kessler Mfg. Co., Mount Pleasant; Barringer Mfg. Co., Rockwell; Pat-terson Mfg. Co., China Grove; company will have 1,000,000 shares of no par common stock and \$700,000 of preferred.

N. C., Asheboro—Bossong Hosiery Mills let contract to W. R. Branson, Charlotte, for heating system; Harrison-Wright Co., 4 W. Third St., Charlotte, for power wiring.

N. C., Asheboro—Borrow & Lamb, Ashe-boro, have contract for \$50,000 textile mill for Chetwick Silk Mills, Inc.

N. C., Belmont—Stowe Thread Co. let con-tract to W. O. Pratt, Mt. Holly, for plant; contract for electric wiring, heating and sprinkling will be let later; mill will be equipped to make No. 40/2 ply yarn; 1 story, 130x360 ft., arranged for later exten-sion; daylight construction with broad moni-tors; construction to begin as soon as rail-road siding is completed; R. C. Biberstein, Archt. and Engr., 1614 Eliza Ave., Charlotte.

N. C., Charlotte—Morehead Woolen Mills Co. incorporated; John L. Morehead; will operate as holding company initially; later may erect blanket and woolen mill at Home-stead station in Paw Creek township.

N. C., Gastonia—Gastonia Weaving Co., 894 Broadway, New York, will install 15 Jac-quard looms, manufactures woven labels.

N. C., Paw Creek—Kendall Mills let con-tract to McClelland Co., Wilder Bldg., Char-lotte, for installing sewerage system.

N. C., Tarboro—Hart Cotton Mills let con-tract to Weekley Elevator Co., 447 Edgewood Ave., Atlanta, Ga., for electric freight ele-vator.

S. C., Greenville—River Mills, 215 S. Lau-rens St., let contract to J. J. Turbeville, News Bldg., for \$25,000 warehouse; 2 divi-sions, 60x120 ft., 2 story and 64x152 ft., 1 story.

S. C., Taylors—W. A. Briggs, Capers Bldg., Greenville, has contract for installing fire protection devices in Piedmont Print Works and village; 5600 ft. c.i. pipe; \$20,000; J. E. Sirrine & Co., Engrs., Greenville.

S. C., Travelers Rest—Poe Construction Co., Capers Bldg., Greenville, has contract for installing sewer system in Renfrew Mill village; cost about \$30,000; J. E. Sirrine & Co., Engrs., Greenville.

Tex., Carrollton—Chamber of Commerce, C. W. Ramsey, Pres., reported, negotiating with outside capitalists for hosiery mill.

Va., Covington—Industrial Rayon Corp., 200 Madison Ave., New York, and Cleveland, Ohio, authorized increase in capital and new issue of 95,000 shares of voting common stock at \$80 per share, which now has an approximate market value of \$115 on basis of \$22 to \$23 per share for old stock which has been converted as per ratio of five of the old for one of new; new issue will net company close to \$8,000,000 for Southern plant; new issue will go to present stock-holders, share for share; present conversion

results in an authorized issue of 200,000 shares, of which 190,000 shares are out-standing, balance in treasury; also author-ized Fred Niederhauser, V. P., to close all necessary contracts for immediate construc-tion of new unit to cost \$5,000,000 to \$10,-000,000.

Water Works

Details of water works improvements in connection with the many LAND DEVELOP-MENT operations will be found under that classification.

Ala., Guntersville—City plans constructing and equipping pumphouse, install 50,000 gal. reservoir and electric motor pump; J. L. McIntyre, Water Works Supt.

Ala., Repton—Town plans installing water works; Swanson-McGraw, Inc., Consult. Engrs., Balter Bldg., New Orleans, La.

Ala., Tuscaloosa—City may extend water mains from end of present mains at Alberta City out Birmingham Rd.

Ark., Bald Knob—City let franchise to Searcy Water Works Co., Searcy; construct water works and distribution plant.

Ark., Berryville—City plans installing water and sewer system; cost about \$60,000.

Ark., DeWitt—Pittsburgh-Des Moines Iron Works, Praet Bldg., Dallas, Tex., has con-tract for reservoir for Arkansas Power and Light Co.

Ark., Sheridan—Town Council considering water works and sewerage system.

D. C., Washington—Pittsburgh-Des Moines Steel Co., Pittsburgh, Pa., has con-tract for steel standpipe at North Woodside, 42 ft. in diam., 100 ft. high.

Fla., Key West—City plans voting on \$100,000 bonds for water supply.

Fla., Miami—City, Welton A. Snow, City Mgr., will expend \$32,500 for extending high pressure water system; install 8520 ft. of 12-in., 352 ft. of 8-in., 336 ft. of 6-in. c. i. pipe; hydrants, valves, tees, reducers, cast-ings, lead, oakum to be purchased; bids for trenching and backfilling to be called later; city will purchase and furnish materials, bids will be called for installing same.

Ga., Augusta—Clausen-Lawrence Con-struction Co., 1304 Gwinnett Rd., has con-tract for 3800 ft. of 12-in., 4800 ft. 8-in. and 28,700 ft. 5-in. c. i. water main.

Ga., Macon—Bd. of Water Comms. will extend Mikado Ave. water main, 1200 ft.

Ky., Carlisle—J. D. Jennings, Louisville, has contract at \$11,923 for construction of conc. settling basin and brick pump house; John T. Gillig, Fayette Bank Bldg., Lexing-ton, Archt. and Engr.; will soon let contract for plumbing and other equipment.

Ky., Maysville—City negotiating for Maysville Water Works plant.

Ky., Paducah—North American Water Works Corp., 11 Broadway, New York, ac-quired Paducah Water Works Co.

La., Mansfield—Fair Realty Co. receives bids June 26 at office of Mayor, for exten-sion of present water and sewer system in Williams Place subdivision; 1744 ft. of 4-in., 950 ft. of 2-in., Class B. c. i. pipe; fire hy-drants gate valves, valve boxes; J. S. Ament, City Engr.

La., Mangham—City plans water works improvement, including tank and tower, c.i. pipe and fittings; F. P. Joseph, Consult. Engr., Glenmora.

Md., Baltimore—Public Improvement Com-sn. adopted tentative program for expendi-ture of \$6,507,000 for water improvements: Mount Royal-Vernon pumping station, \$625,-000; small extension mains, \$1,750,000; main from city line to Stevenson Lane, \$132,000; Stevenson Lane main from York Rd. to Towson reservoir, \$200,000; Northern Park-way main, Hillen Rd. to Glenmor Ave., \$126,-000; removal of Pikesville pump from Druid Hill Park to Ashburton, \$150,000; Belvedere Ave. main, \$234,000; Hanlon Park main, \$50,-000; mains in Oxford Ave., \$168,000; mains in Old Frederick Rd., \$150,000; feeder main from Montebello filtration plant to Druid Lake, \$1,000,000; Curtis Bay reservoir and pump, \$70,000.

Mo., California—City plans voting on water works bonds.

N. C., Charlotte—City plans \$100,000 water extension, \$600,000 for paving and storm sewers, \$75,000 sanitary sewers. See Finan-cial News—Bond Issues Proposed.

N. C., Kings Mountain—Boyd & Goforth, Inc., Bldrs. Bldg., Charlotte, has contract at

\$250,000 for water works improvements; The Carolina Engineering Co., Johnston Bldg., Charlotte, Engrs. 5-17

N. C., Vass—City receives bids June 12 for water supply improvements. See Want Section—Bids Asked.

Okla., Bartlesville—City plans water works improvements, may vote on bonds in Nov.; Fred L. Dunn, Chrm., Water Committee.

Okla., Henryetta—City, B. A. Jackson, Mayor, let contract at \$61,616 to D. T. Allen, for dam for water works; install 2 boilers; later plan sewer extensions and filtration plant, pumping plant, etc.; no machinery purchased; T. J. Embree, Engr. in charge. 5-17

Okla., Pearson, P. O. Asher—E. W. Gantt, 1116 W. Main St., Oklahoma City, advises are not engineers for water works as lately noted. 5-24

Okla., Sasakwa—City voted \$30,000 water works bonds. 5-3

Okla., Woodward—See Electric Light and Power Plants.

S. C., Charleston—Charleston Engineering and Contracting Co., 58 Broad St., has contract at \$10,000 for extending water lines at Camp Jackson.

Tenn., Mullins—Shelby County Institution Comsn., Memphis, purchased 100,000 gal. water tank from Dan Shea Boiler Co., 1106 Kansas St., Memphis, for storing water at workhouse.

Tenn., Nashville—See Sewer Construction.

Tenn., Selmer—City plans \$60,000 water works and sewers; Thomas Allen, Bank of Commerce Bldg., Engr., Memphis. 5-24

Tex., Alice—Layne-Texas Co., 6931 Harrisburg Blvd., Houston, has contract for water well in Craig Park Addition.

Tex., Hico—City votes June 12 on \$38,000 water and \$37,000 sewer bonds.

Tex., Lampasas—City may construct water water filtration plant.

Tex., Lovelady—City votes June 19 on \$38,000 water works bonds.

Tex., Palmer—City voted \$42,500 water works bonds. 4-5

Tex., Port Arthur—City negotiating with Neches Canal Co. for purchase of water supply plant; C. B. Moore, Finance Commr.

Tex., San Antonio—City probably expend \$40,000 for laying water mains through Palm Heights Addition; plans sanitary sewers. 5-17

Tex., Temple—City Comsn. authorized water line extension on Bentley Hill.

Tex., Waco—Floyd & Lochridge, Conslt. Engrs., Wilson Bldg., Dallas, reported, has engineering contract for earthen dam and conc. spillway at Lake Bosque; cost \$2,500,000.

W. Va., Lumberport—City, C. L. Hess, Mayor, opens bids June 18 for dam for water works; cost of water system \$37,000.

W. Va., Nitro—Kanawha Valley Water Corp., Byren T. Gifford, 22 W. Monroe St., Chicago, Ill., acquired Nitro Water Works, supplying territory in Nitro, Spring Hill, and between Nitro and Dunbar.

Woodworking Plants

Ark., Stamp—Chamber of Commerce interested in having furniture factory established in city, manufacture porch or lawn specialties regular line furniture; millions of hardwood timber and substantial cash investment offered reliable concern.

Fla., Panama City—Panama City Wood Products Co., incorporated; J. D. Sellars, C. S. Russ.

Miss., Utica—Crates—Utica Box Co., J. P. Cruise, Mgr., rebuild burned office and storage plant.

Okla., Oklahoma City—Oklahoma Furniture Mfg. Co. will remodel present quarters, 101 E. Grand Ave.; \$36,000.

S. C., Dillon—Wilson-Smith Veneer Co. will erect barrel stave plant.

S. C., Spartanburg—Kitchen Equipment Corp. has united with Southern Factories and Stores Corp., Richmond, Va.; leased building 171 N. Church St., will improve.

Tenn., Nashville—Bradford Wholesale Furniture Mfg. Co., 168 Third Ave., N., has acquired factory and warehouse of White Trunk and Bag Co., Centennial Blvd. and 61st Ave.

Tex., San Antonio—Houston Cooperage and Tub Co., 3100 Canal St., Jacob Noodleman, Pres., Houston, will establish factory to manufacture barrels, kegs, ice cream packing tubs, etc.

FIRE DAMAGE

Ala., Birmingham—Standard Junk Co.'s building, 3921 First Ave.; loss \$10,000.

Ala., Talladega—Elks' Lodge and opera house building; loss \$50,000.

Ark., Arkadelphia—Sloan High School for Negroes; loss \$15,000.

Ark., Best—Stout Lumber Co.'s plant.

Fla., Miami—Harman-Hull Co.'s warehouse, 55 N. E. 24th St.; loss \$35,000.

Ga., Dawson—Dawson Inn, Main St. and 7th Ave., owned by Mrs. Rosa Lee.

Ky., Ashland—Eleven dwellings near Avondale owned by Geo. Kimberly, Ashland, Ky.

Ky., Cave City—Mrs. Mollie Sublett Walton's residence; loss \$10,000.

Ky., Salt Lick—School building; loss \$12,000.

La., Alexandria—Alexandria Wholesale Grocery Co.'s building, 8th and Hamilton Sts.; loss \$15,000.

La., Clarks—Louisiana Central Lumber Co.'s building; loss \$15,000.

La., Clayton—Utey-Holloway Lumber Co.'s plant; loss \$40,000.

La., Kelly—Sawmill plant of R. G. Cruse Lumber Co.; loss \$10,000.

La., Ferriday—Ice plant of Concordia Ice Co., Inc., S. H. Henderson, Mgr.; loss \$50,000.

La., Kelly—R. G. Cruse Lumber Co.'s Plant, 4 mi. east of Kelly, Caldwell Parish; loss \$10,000.

La., Monroe—Cleaning and pressing establishment of E. M. Gaskins, 216 S. Riverfront St.

Md., Elkton—Andrew Watson's residence, Elkton-Northeast Rd.

Miss., Columbia—Shuttle mill owned and operated by G. B. Hall and I. W. Thompson; cotton gin plant of G. B. Hall & Sons.

Miss., Utica—Utica Box Co.'s building; loss \$50,000; J. P. Cruise, Mgr.

Mo., Rockbridge—Landers & Barker Lumber Co.'s mill, 2 mi. southeast of Rockbridge; loss \$10,000.

BUILDING NEWS

BUILDINGS PROPOSED

Association and Fraternal

Ark., North Little Rock, Little Rock—Gordon Gale Post, American Legion, A. O. U. W. Bldg., plans \$10,000 clubhouse.

Ga., Savannah—Savannah Lodge No. 183, B. P. O. E., plans to remodel bldg., Oglethorpe Ave.

Miss., Belzoni—Masonic Lodge No. 547 erect \$20,000 to \$30,000 temple; Emmett J. Hull, Archt., Merchants Bank Bldg., Jackson.

Miss., Greenville—Scottish Rite Masons, Frank A. Bearss, Sec., Delta Scottish Rite Bodies, plan cathedral.

Miss., Senatobia—Ancient Free and Accepted Masons, J. B. Kerr, member, remodel temple.

Mo., St. Louis—Waldheim-Platt & Co., Inc., Merch. Laclede Bldg., offering \$550,000 5½% first (closed) mortgage serial real estate gold bonds for \$1,000,000 Pythian Bldg., on which work has started; Trueblood & Graf, Archts., Chemical Bldg.; Brussel & Viterbo, Conslt. Engrs., Arcade Bldg.; Dickie Construction Co., Contr., Louderman Bldg. 5-17

Okla., Mangum—Ancient Free and Accepted Masons erect \$35,000 temple and theater building; 2 stories, 50x150 ft.; Clay Riggins & Co., Archts., Anadarko.

Okla., McAlester—Indian Consistory, A. A. S. R., A. I. Thomas, Sovereign Grand Inspector General of Oklahoma, having plans drawn by Wm. T. Schmitt, First Natl. Bldg., and Hawk & Parr, Cotton Exch. Bldg., both Oklahoma City, to enlarge and rebuild Scottish Rite Temple; \$600,000 to \$700,000. 5-31

Bank and Office

Ark., Little Rock—Union Trust Co., Aristo Brizzolara, Jr., Vice Pres.-Cashier, contemplates erecting bank building. See Want Section—Building Material and Equipment.

D. C., Washington—Dewey & Co. have permit for \$85,000 office building, 2825 Four-

Mo., Brookfield—Brookfield High School; loss \$50,000.

Mo., St. Louis—Thomas W. Garland, Inc.'s, department store, 409-13 N. Broadway; loss \$100,000.

Okla., Chickasha—Bluebird Cafe, Sam Justis, Prop.

Okla., Picher—Greener Lumber Co.'s yard, W. A. St.; Joe Greener, Miami, owner.

S. C., Gaffney—Carroll & Byers Department Store; loss \$100,000.

Tenn., Troy—J. O. Bennett Hardware Co.'s store, Eaton Bennett and Scott Williams' barber shop, Dean & Taylor's cafe, White-Mahon Furniture and Undertaking Co.'s building, Albert Green and A. H. Overall's grocery store, Rob Harrigan's cafe; loss \$50,000.

Tex., Beasley—Lee Schaeffer Drug Store; Benowitz Bros.' store and warehouse; loss \$25,000.

Tex., Dallas—Stewart Title Co.'s building, grading, on 6 streets and roads.

Tex., Houston—Dixie King Battery Co.'s building, 6635 Harrisburg Blvd., and others.

Tex., Houston—Grain shed of Saint Grain Co., Inc., 902 Dowling St.; loss \$75,000.

Tex., Houston—Frank P. Sterling's residence, 1505 South Boulevard.

Tex., Luling—Three dwellings owned by O. H. Stair.

Tex., Marble Falls—Gin owned by R. Summerow; loss \$8000.

Tex., Wichita Falls—Sherman Williams Paint Co.'s building, 818 Scott St., and Landon-Hill Sporting Goods Co.'s building, 816 Scott St.; loss \$125,000.

Tex., Wink—Manhattan Cafe, American Cafe, Boston Cafe, Mitchell's Barber Shop, Bradley-Forshee's store, Dunnaway Grocery Co.'s building, Delmar & King's grocery; loss \$75,000.

Va., Norfolk—Virginia Bag Co.'s warehouse, Killam Ave. and 43d Sts.

Va., Norfolk—Virginia Bag Co., 24 Commerce St., building; loss \$10,000; Louis Kaplan, Pres.

W. Va., Wheeling—Lewellen Apartment owned by Mrs. E. M. Schoen; loss \$60,000.

teenth St., N. W.; brick, tile and stone, 7 stories.

Ky., Louisville—Almstedt Bros., 119 S. Fifth St., have plans ready in 2 weeks for \$100,000 office building, 425 W. Market St.; 3 stories, 24x130 ft., Bowling Green stone; Joseph & Joseph, Archts.-Engrs., Francis Bldg.; Walter C. Wagner, Asso. Archt., 615 S. Western Pkwy. 5-24

La., Bonita—Bastrop State Bank and Trust Co., Bastrop, erect branch bank after plans by J. W. Smith and Associates, Ouachita Natl. Bank Bldg., Monroe; rein. conc. foundation, tile and wood floors, built-up comp. roof, steel vault, fixtures; bids June 1. 4-5

Miss., West Point—First National Bank, Arthur Dugan, Pres., have plans out June 11, to be opened June 25, for stone and brick building; \$30,000, 1 and 2 stories, 42x100 ft., conc. floors and foundation, comp. roof; furnishings, equipment, etc., \$10,000; T. I. Klyce, Archt., Columbian Mut. Tower, Memphis. (Lately incorrectly noted First National Bank, Louisville, Miss., to erect building.) 5-24

Mo., Overland, St. Louis—Overland State Bank, Conrad Reinemer, Pres., erect \$25,000 building; brick, 1 story and basement, 35x60 ft.; Carl E. Eitz, Archt., 417 Title Guar. Bldg., St. Louis.

Mo., St. Louis—Plaza Realty Co., Benj. Brinkmann, Pres., Forest Park Highlands, organized to erect 12-story office bldg., Memorial Plaza and Olive Blvd.; 50x193 ft., 3 passenger and 1 freight elevator; store on first floor; Henry R. Weisels, 730 Chestnut St., realtor heading project.

Tex., Ballinger—First National Bank receives bids June 5 for remodeling bldg.; Paul G. Silber & Co., Archts., Bedell Bldg., San Antonio. 5-19

Tex., Brownwood—Otis Elevator Co., 1820 Young St., Dallas, has elevator contract for \$150,000 Citizens Natl. Bank of Brownwood

building; David S. Castle Co., Archt., Abilene; San Antonio Construction Co., Contr., Bldrs. Exch. Bldg., San Antonio. 5-10

Churches

D. C., Washington—St. John's Colored M. E. Church purchased site. Address The Pastor.

Ga., Atlanta—Hebrew Benevolent Congregation, Harold Hirsch, Vice-Pres., Candler Bldg., purchased property, Peachtree St., as site for \$350,000 synagogue and community building. 11-24

Ga., Griffin—Baptist Church remodel church and erect Sunday school addition. Address The Pastor.

Ky., Louisville—Trinity Evangelical Church purchased site, Michigan and Amy Aves., for church. Address The Pastor.

Ky., Louisville—Kneseth Israel Congregation have plans ready in 2 weeks for \$250,000 synagogue and community bldg., Floyd St. and Jacob Ave.; Corinthian type, stone and brick, main auditorium seat 750, balcony seat 415; 14 classrooms, chapel, kitchen and auditorium to seat 1100 in latter; combined size 125x200 ft.; Joseph & Joseph, Archts.-Engrs., Francis Bldg.; Walter C. Wagner, Asso. Archt., 615 S. Western Parkway.

La., Cedar Grove—Southside Baptist Church, Rev. C. A. Voules, Pastor, rejected bids for brick church and auditorium. 65th and Highland Sts.; \$25,000; M. D. Weeks, Archt., Shreveport, to revise plans and call new bids. 5-24

Md., Baltimore—Wilhelm Park Christian Church, Wilhelm Ave. near Wilkens Ave., having plans drawn by Edw. C. Minor, 1501 Hilton St., for \$26,000 stone building, Wilhelm and Cowan Aves. See Want Section—Building Material and Equipment. 5-24

Md., Baltimore—St. Matthew's Evangelical Church, Wm. Schmidt, Jr., Lexington Bldg., Chmn., Bldg. Comm., probably start work in fall on building, Mayfield, Norman and Lake Aves.

Md., Baltimore—Edmondson Avenue M. P. Church, Edmondson Ave. and Grantley St., Rev. J. L. Green, Pastor, erect 1-story stucco building; 48x50 ft., probably comp. roof; extend steam heating system; plans by W. A. Weldon, 621 Edgewood St.

Miss., Jackson—Capitol Street Methodist Church plans \$500,000 building. Address The Pastor.

Mo., Butler—First Christian Church, Rev. J. E. Stuart, Pastor, 201 E. Pleasant St., erect \$25,000 building after plans by E. O. Brostrom, Reliance Bldg., Kansas City. See Want Section—Building Material and Equipment. 5-17

Mo., Butler—First Christian Church, 221 N. Delaware St., erect \$22,500 simple Gothic type building; brick and tile, 1 story and full basement, 50x85 ft., hardwood floors, conc. foundation to level, roofing not determined; furnishings, equipment, etc., \$4500. Address Julian E. Stuart, 201 E. Pleasant St. See Want Section—Building Material and Equipment. 5-17

N. C., Wadesboro—Calvary Episcopal Church erect parish house. Address The Rector.

Tenn., Dyersburg—First Baptist Church receives bids June 26 for \$100,000 building; R. H. Hunt Co., Archt., James Bldg., Chattanooga, Tenn.; following contractors estimating: General, Jack Cole Contracting Co., 214 Guthrie Bldg., Paducah, Ky.; Foreum-Jones Lumber Co.; Sam Blivens, both Dyersburg; Walker Bros. & Co., P. O. Box 123, Birmingham, Ala.; B. E. Buffalo & Co., 658 East St., Memphis, Tenn.; T. S. Moudy Co., Chamberlain Bldg.; Frank Pinnell, both Chattanooga; heating and plumbing, E. D. Hannan, Paducah; Sanitary Plumbing and Metal Works, Jackson, Tenn.; J. W. Hull Plumbing and Heating Co., 1144 Madison St.; Fisher Heating Co., 367 Adams St., both Memphis; R. H. Vandeveld & Co., Dyersburg; wiring, S. D. Dalbey, Paducah; Dawkins Electric Co., 26 N. Second St.; Slater Electric Co., 134 S. Second St., both Memphis; Terrell Electric Co., 715 Cherry St., Chattanooga; Electric Supply and Engineering Co., 26 N. Second St., Dyersburg. 5-31

Tenn., Nashville—Park Avenue Baptist Church receives bids June 4 for brick, stone and conc. building, Park Ave.; 1 story, balcony and basement, 59x37 ft. with 31x10-ft. wing; Walby N. Pugin, Archt., 149 N. Sixth Ave.

Tex., El Paso—Five Points Baptist Church, care Rev. J. E. Davis of Baptist Publishing House, organized; plans building.

Tex., Ganado—Methodist Episcopal Church, South, Rev. C. I. Rogers, Pastor, erect brick, tile and rein. conc. building; 2 stories, about 40x60 ft., conc. and wood floors, metal lath;

Wm. C. Meador, Archt., Dan Waggoner Bldg., Fort Worth.

Tex., San Angelo—Harris Avenue Presbyterian Church, 138 W. Harris Ave., Dr. C. E. Mays, Chmn., Bldg. Comm., erect Sunday school; ground broken.

City and County

Ala., Anniston—Calhoun County Bd. of Revenue, H. F. Williamson, Chmn., receives bids June 18 for remodeling county home; plans from Chmn. of Bd., Blue Mountain, Ala., or from other members.

Ark., Fayetteville—City Council, N. F. Drake, Alderman, plans bond election, including \$170,000 for city hall and auditorium and \$25,000 for hospital. 3-15

Ala., Mobile—Mobile County Bd. of Revenue considers erecting 10,000 girls' detention home; J. Platt Roberts, Archt., First Natl. Bank, drawing plans.

Fla., Lake Wales—City, V. A. Simms, Mayor, has low bid at \$51,800 from Streater Bros., Cleveland Heights, Lakeland, for municipal building; Francis J. Kennard & Son, Archts., 303 Zack St., Tampa. 5-23

Ga., Atlanta—City Council, Howard G. McCutcheon, Chmn., City Hall Comm., has plans nearing completion for \$1,000,000 city hall and will call for bids latter part of June; fireproof, steel and conc. frame, 15 stories; G. Lloyd Preacher & Co., Inc., Archts.-Engrs., Wynne-Claughton Bldg.; foundation contract let. 5-31

Ga., Carrollton—Carroll County Bd. of Commrs. receives bids June 29 for fireproof courthouse; \$150,000, rein. conc., brick, stone trim, 2 stories and basement, 115x70 ft., marble and cork tile floors, conc. foundation, asphalt built-up roof; furnishings, equipment, etc., \$20,000; Wm. J. J. Chase, Archt., 140 Peachtree St., Atlanta. 5-31

N. C., Charlotte—City Council, Mayor Redd, considers erecting convention hall and armory building.

N. C., Fairmont—City votes June 12 on \$60,000 municipal building bonds. Address City Council.

Okla., Muskogee—City, W. H. Cavanagh, City Clk., preparing to take bids on \$400,000 city hall; stone and conc., 3 stories, 140x202 ft., wood, cement, terrazzo and tile floors, steam heat; H. H. Nieman, Barnes Bldg., and L. L. Howenstine, 2705 Oklahoma St., Archts. 5-24

Tenn., Kingsport—City Council remodel building, Shelby St., for city offices; \$15,000.

Tex., Bay City—Pat Thompson, Mayor, has low bid at \$21,900 from A. P. Rheimer & Sons, 305 Wyoming St., for city hall; Morris & Noonan, Archts.-Engrs., Bldrs., Exch. Bldg., San Antonio. 5-17

Tex., Bay City—Matagorda County Bd. of Commrs., A. Harris, Judge, receives bids June 22 (extended date) to remodel and add 2 wings to courthouse; brick, conc., stucco, cast stone trim, 1 story and basement, about 22x80 ft., tile, tar and gravel roof; \$65,000; Morris & Noonan, Archts., Bldrs., Exch. Bldg., San Antonio. (Lately noted under Tex., Matagorda.) 5-10

Tex., Crystal City—Zavalla County, N. H. Hunt, Judge, ready for bids June 7, to be opened June 25, for conc., terrazzo, cast stone and steel courthouse; \$75,000, 2 and 3 stories, about 52x120 ft.; jail on top floor; Henry T. Phelps, Archt., Hicks Bldg., San Antonio; County votes June 23 on bonds. 5-31

Tex., Floydada—City let contract for \$15,000 city hall to H. E. Cannaday. 5-24

Tex., Graham—G. P. Stewart, A. A. Morrison and S. B. Bates are trustees for \$80,000 civic auditorium, E. Third and Cherry Sts.; architect not selected; brick and steel, 2 stories, about 100x140 ft. See Want Section—Building Material and Equipment. 2-16

Tex., Fort Stockton—City, R. D. Blaydes, Mayor, erect \$10,000 fireproof city hall; 40x80 ft., 1 story; Montgomery & Ward, Engrs., Harvey-Snyder Bldg., Wichita Falls; plans not fully determined.

Tex., San Antonio—City, C. M. Chambers, Mayor, erect \$50,000 public auditorium and municipal bldg., San Pedro Park; stone and rein. conc., 1 story, steel truss roof; Marvin Eickenroht & Bartlett Cocke, Archts., Maverick Bldg.

Dwellings

Ark., Little Rock—A. J. Fields, Jr., and S. A. Ballou, 1815 W. 11th St., each erect brick veneer residence, Camp Pike Gardens; material on sites.

Ark., Tillar—Hutch Landfair plans bungalow.

Ark., Wilmot—A. M. Keller erect \$20,000 residence; brick veneer, 2 stories, 36x43 ft., hardwood floors, conc. foundation, hot water heat; J. W. Smith & Associates, Archts.,

Ouachita Bank Bldg., Monroe, La. See Want Section—Building Material and Equipment.

D. C., Washington—G. F. Mikkelsen & Son, 35 W. Lenox St., Chevy Chase, Md., have permit for \$15,000 dwelling, 2509 Chesterfield Place, N. W.; 2 stories, stone, tile and frame.

D. C., Washington—Mrs. W. E. T. Millington has permit for \$15,000 residence, 2953 Allendale Place, N. W.; cinder block, 2 stories.

D. C., Washington—D. W. Moore has permit for 4 dwellings, 618-24 Twentieth St., N. E.; brick, 2 stories; \$15,000.

Ga., Augusta—Mrs. Marion G. Ridgeley, King's Way, erect residence, Lake Forrest Rd., Forrest Hills.

Ga., Macon—H. Ledbetter erect 3 frame dwellings, Fulton St.; \$3500 each.

Ga., Macon—H. H. Freeman erect 4 brick veneer dwellings, Mikado Ave.; sell for \$5000 each.

Ga., Macon—M. L. Davis erect 3 dwellings, Capitol Ave., Mikado Place; \$4000 each.

Ga., Savannah—Sam G. Adler, Broughton and Bull Sts., erect residence, Victory Drive near Paulsen St.

Ky., Hickman—J. T. Stephens rebuild burned dwelling.

Ky., Louisville—St. Francis of Assissi R. C. Church, 1958 Bardstown Rd., Rev. A. G. Meyering, Pastor, erect \$30,000 rectory.

Ky., Louisville—Edw. R. Dumesnil, 1236 Everett St., erect \$20,000 residence, 167 Sulgrave Rd.

Ky., Mayfield—Bates Haskins, care Merritt Clothing Co., erect \$12,000 face brick veneer residence; semi-fireproof, 1 story and basement, hardwood floors, asbestos shingle roof; G. Tandy Smith, Archt., Guthrie Bldg., Paducah; plans ready about June 10.

La., Baton Rouge—Henry Cohn erect brick veneer residence; 1 story, slate roof, warm air heat; Jones, Roessle & Olschner, Archts., Raymond Bldg.

La., New Orleans—John L. Oster, 801 Carondelet St., erect residence, Gentilly Blvd., near Iris St.

La., New Orleans—Miss Rose Viviano rejected bids for double raised residence, 2410-12 Laharpe St.; call new bids about 3 weeks; E. M. Reynes, Archt., 822 Perdido St. 5-31

La., New Orleans—E. M. Reynes, Archt., 822 Perdido St., rejected bids for double dwelling, 1531-33 N. Rocheblave St.; new bids in about 3 weeks.

La., New Orleans—J. M. Rault, Whitney Bldg., has low bid at \$15,961 from Estrade & Saffel for residence, Versailles Bldg.; Jones, Roessle & Olschner, Archts., Maison Blanche Bldg. 5-31

La., New Orleans—Dr. J. A. Hardin ready for bids about 1 week for 1-story and basement residence, Virtue St. near London Ave.; A. H. Ehrensing, Archt., 3816 Coliseum St.

Md., Baltimore—Mrs. Ethel S. Tweeddale, 1618 Eutaw Place, erect residence, Overhill and Warrenton Rds., Guilford.

Md., Baltimore—J. Geo. Elerman, Bldr., 4331 Belair Rd., plans 10 brick dwellings, 4200 block Elerman Ave.; 2 stories; \$32,500.

Md., Baltimore—Clifton K. Wells, Jr., 3558 Old York Rd., erect dwelling, St. Paul St. near Greenway.

Md., Baltimore—Chas. M. Anderson, 9 E. Pleasant St., erect residence, Overhill and Whitfield Rds., Guilford.

Md., Baltimore—Bailliere & Morgan, Inc., Bldrs., erect dwelling, St. Dunstan's Rd. and Purlington Way.

Md., Baltimore—Tilghman V. Morgan, 10 E. Fayette St., purchased homesite, Winding Way, Poplar Hill.

Md., Baltimore—Jos. Pistorio, 3427 Mondawmin Ave., erect 10 frame dwellings and garages, 2300 and 2400 blocks Montgomery Ave.; 2 stories; \$36,000.

Mo., Clayton, St. Louis—Dr. C. H. Neilson, Humboldt Bldg., Grand and Washington Bldgs., erect \$21,000 brick residence, Alexander Drive; 2 stories and basement, 43x49 ft., slate roof, hardwood floors, marble and tile work, showers, incinerator; Caldwell & Robertson, Archts., 3719 Washington; bids in. 5-31

Mo., Clayton, St. Louis—R. L. Jacobsmeyer, 205 Smith St., erect \$10,000 residence, Corona Park; brick, 1 story and basement, 26x40 ft., tile bath, hardwood floors, comp. roof, hot air heat; S. M. Grossman, Contr., 524 Central Ave.

Mo., Kansas City—G. C. Dixon, 3741 Flora St., erect 2 dwellings, 4228-32 Virginia Ave.; \$12,000.

Mo., Kansas City—G. McCarthy, 1202 E. 44th St., erect \$10,000 residence, 201 W. 66th St.

Mo., Normandy—S. Robertson, care Jesse L. Bowling & Isadore Shank, Inc., Archts., Arcade Bldg., St. Louis, erect \$20,000 brick residence, Bel Nor; 2 stories and basement, slate roof, conc. foundation, hardwood floors, tile baths, slate roof.

Mo., St. Louis—Robt. A. Lloyd, 4983 Tholozan Ave., erect \$20,000 brick residence, Moorlands; 2 stories and basement, conc. foundation, hardwood floors, tile baths, slate roof, hot water heat; Jesse L. Bowling & Isadore Shank, Inc., Archts., Arcade Bldg.

Mo., St. Louis—Building Materials Exhibitors' Assn. erect dwelling, Osage Hills; Jesse L. Bowling & Isadore Shank, Inc., Archts., Arcade Bldg.

Mo., St. Louis—E. Contarini, 5711 Kansas St., erect 3 brick dwellings, 3645-47-51 Childress St.; 1 story, 26x41 ft., comp. shingle roofs, hot water heat; \$10,000.

Mo., St. Louis—Henry C. Hoffman, 5050 Louisiana Ave., erect \$10,000 residence, Holly Hills; brick, 2 stories and basement, 24x36 ft., hardwood floors, tile bath, shingle roof, conc. foundation; Gill & Jackson, Archts., Buder Bldg.; bids in.

Mo., University City, St. Louis—Dr. Howard A. Rusk, 3720 Washington Blvd., erect \$11,000 residence; brick, 2 stories and basement, 25x30 ft., hardwood floors, slate roof, hot water heat; J. Warren Teasdale, Archt., First Natl. Life Bldg.

Mo., University City, St. Louis—Kenneth Teasdale, Boatman's Bank Bldg., erect \$12,000 residence, Greensfelder Lane; brick, 2 stories and basement, 37x26 ft., slate roof, hot water heat; J. Warren Teasdale, Archt., First Natl. Bank Bldg.

Mo., University City, St. Louis—A. M. Manlin, 715 Limit Ave., erect \$15,000 residence, Maryland Ave.; brick, 2 stories and basement, tile baths, hardwood floors, conc. foundation, slate roof, hot water heat; Jesse L. Bowling & Isadore Shank, Inc., Archts., Arcade Bldg.

Mo., University City, St. Louis—Dr. A. E. Snow, 4916 Washington Blvd., erect \$15,000 brick residence, 7347 Teasdale Ave.; 2 stories and basement, 34x55 ft., hardwood floors, tile bath, slate roof, hot water heat; O. J. Popp, Archt., Arcade Bldg.; bids in.

N. C., Winston-Salem—Miss Miriam Crosssett erect \$15,000 residence, garage and servants' quarters, Shady Lane.

S. C., Aiken—Allen Case, Toronto, Canada, has low bid at \$24,675 from Frank Wheatley Co., 510 Crawford Ave., Augusta, Ga., for residence; Scroggs & Ewing, Archts., S. F. C. Bldg., Augusta. 4-5

S. C., Aiken—Wm. Zeigler, Pres., Royal Baking Powder Co., 100 E. 42d St., New York, receives bids June 8 for brick residence; \$100,000, 2 stories and basement, stone trim, hardwood and tile floors, steam heat; Willis Irvin, Archt., S. F. C. Bldg., Augusta, Ga.

Tenn., Knoxville—Dr. Ray V. DePue, 503 W. Church St., erect residence, Holston Hills; about \$15,000.

Tenn., Knoxville—Lloyd Wolf, care Mountcastle-Hill Co., 110 W. Jackson St., erect residence, Holston Hills; about \$15,000.

Tenn., Knoxville—W. T. Harmon, Laurel Heights Apts., erect residence, Holston Hills; about \$15,000.

Tenn., Knoxville—Fred A. Ault, Treas., State Smoky Park Comsn., erect residence, Holston Hills; about \$15,000.

Tenn., Knoxville—L. F. Hurley, care M. F. Flenniken Ins. Co., Burwell Bldg., erect residence, Holston Hills; about \$15,000.

Tenn., Knoxville—John L. Kennedy, care Kennedy Boot Shop, Holston Bank Bldg., erect residence, Holston Hills; about \$15,000.

Tenn., Nashville—Dr. T. B. Zerfoes, Vanderbilt Campus, erect face brick and stone tile residence; 2 stories and basement, 32x68 ft., hardwood floors, Hoffman heating, Kohler plumbing, Ideal boiler; Wellington J. H. Wallace, Archt., 167 N. Eighth Ave.

Tenn., Memphis—Edmund Orgill, 505 Tennessee St., erect \$15,000 residence, Linden Ave., near Kimbrough St.; brick veneer, 2 stories and basement, oak floors, tile baths, vapor steam heat, slate roof; Edwin B. Phillips, Archt., Fidelity Bk. Bldg.

Tenn., Memphis—B. L. Troutt, 2129 Young Ave., erect brick veneer residence, Grandview and Longview Aves.; 1 story and basement, oak floors, comp. shingle roof, tile bath, hot water heat; R. S. Magee, Contr., Fidelity Bk. Bldg.

Tenn., Memphis—Clarence Saunders, 461 S. Front St., erect English type residence, Bennetts Ridge; brick and stone, oak floors, slate or tile roof, steam heat; garage and servants' quarters; Hubert T. McGee, Archt., Fidelity Bank Bldg.

Tenn., Memphis—Ralph Barber erect \$16,000 residence, Linden and Kimbrough Sts.; brick and stone-cote.

Tenn., Memphis—Mrs. B. E. Boothe, 1835 Overton Pk. Ave., erect brick veneer residence; 2 stories and basement, oak floors, comp. or tile roof, tile bath, steam heat.

Tex., Austin—C. E. Barrett, 903 W. 26½ St., has low bid at \$46,450 from J. F. Johnson, Third and Red River Sts., Austin, for residence, Pemberton Heights; Adams & Adams, Archts., Real Est. Bldg., San Antonio. 5-17

Tex., El Paso—E. T. Edwards, First Nat'l Bk. Bldg., erect \$30,000 residence, Castle Heights addition; brick, 2 stories.

Tex., Houston—C. A. Hillier erect \$13,000 residence and garage, 2530 Stanmore St., River Oaks; brick veneer, 2 stories, 6 rooms, 2 baths.

Tex., Houston—J. S. Carothers erect \$10,000 residence and garage, 2530 Stanmore St.; brick veneer, 2 stories, 10 rooms, 2 baths.

Tex., Houston—C. F. Gabel erect \$10,000 residence and garage, 420 W. Polk St.; brick veneer, 2 stories, 12 rooms.

Tex., Houston—Woodson Realty Co., 914 Franklin St., erect \$14,000 dwelling and garage, 2403 Arbor St.; brick veneer, 2 stories, 8 rooms and bath.

Tex., Mission—J. H. Smith plans \$30,000 residence, La Joya; Jas. Lawless, Archt., Edinburg.

Tex., Pharr—Otis Pelt erect \$15,000 residence; brick and tile, 2 stories; Robt. L. Vogler, Archts., Edinburg.

Tex., San Antonio—Joe Civileto, 401 Devine St., erect \$12,000 duplex, 612-18 Labor St.; frame, 8 rooms; Martin Ebrest, Contr., 407 Devine St.

Tex., San Antonio—S. A. Lynch erect 2 six-room dwellings, Gramercy Place; \$13,000.

Tex., San Antonio—E. D. Stewart erect \$10,000 residence, Highland Park; brick, 6 rooms.

Tex., San Antonio—Wm. A. Turner, 1308 E. Houston St., has low bid at \$17,987 from W. H. Carrington, 2747 E. Houston St., for residence, Park Hill Estates; R. H. H. Hugman, Archt., Tex. State Bk. Bldg.

Va., Covington—Covington Home Building Corp. organized with \$500,000 capital; R. H. Angell, Pres., plans about 500 dwellings for future employes of rayon company.

Va., Richmond—R. L. Figg, Mutual Bldg., erect 2 dwellings, 2602-04 Seminary Ave.; \$10,000.

Government and State

Ga., Canton—Fred. R. Comb Co., 2113 Chicago Ave., Minneapolis, Minn., estimating on post office, bids June 15 by Treasury Dept., Jas. A. Wetmore, Act. Supvg. Archt., Washington, D. C. See Want Section—Building Material and Equipment. 5-31

Ga., Canton—Additional contractors estimating on post office, bids June 15 by Treasury Dept., Jas. A. Wetmore, Act. Supvg. Archt., Washington, D. C.: Chas. H. Barnes, 512½ Fifth St., Logansport, Ind.; A. J. Krebs Co., Walton Bldg.; A. K. Adams & Co., 542 Plum St., N. W.; W. F. Jackson Co., Inc., Red Rock Bldg.; J. L. McCauley & Co., Bona Allen Bldg., all Atlanta, Ga.; King Lumber Co., Charlottesville, Va. 5-31

Ky., Henderson—Additional contractors estimating on postmaster's room and interior changes, post office, bids June 13 by Treasury Dept., Jas. A. Wetmore, Act. Supvg. Archt., Washington, D. C.: John C. Holland, Henderson; W. P. Thurston Co., Richmond Tr. Bldg., Richmond, Va.; Thos. W. Cissel, Bethlehem, Pa.; English Construction Co., 1311 H St., N. W., Washington; Chas. H. Barnes, Logansport, Ind.; Louis Van Dorp & Son, Topeka, Kan. 5-31

Md., Cumberland—Second deficiency bill, signed by President, provides \$265,000 to enlarge post office and courthouse.

Md., Fort Leonard Wood—Constructing Quartermaster receives bids June 26 for Colonial type barrack building; plans from above. 5-24

Miss., Biloxi—Mississippi Building Comsn., Jackson, selected Shaw & Woleben, Gulfport, as architects for building, National Guard Camp; \$20,000.

S. C., Sumter—Treasury Dept., Jas. A. Wetmore, Act. Supvg. Archt., Washington, D. C., receives bids June 26 for storeroom in attic, etc., post office; drawings from Custodian at site and from office Supvg. Archt.

Tex., Waxahachie—Following contractors estimating on remodeling post office, bids June 25 by Treasury Dept., Jas. A. Wetmore, Act. Supvg. Archt., Washington, D. C.: English Construction Co., 15 W. 91st St., New York; Thos. W. Cissel, Bethlehem, Pa.; Theriault Contracting Co., 534 E. Johnson St., Philadelphia, Pa. 5-31

Va., Danville—Additional contractors estimating on remodeling post office, bids June 12 by Treasury Dept., Jas. A. Wetmore, Act. Supvg. Archt., Washington, D. C.: W. P. Thurston Co., Richmond Tr. Bldg., Richmond, Va.; Chas. Herbert Spring, Jeff. Standard Bldg., Greensboro, N. C.; Universal Construction Co., Fort Wayne, Ind.; English Construction Co., 1311 H St., N. W., Washington. 5-31

Va., Fredericksburg—Following contractors estimating on remodeling post office, bids June 28 by Treasury Dept., Jas. A. Wetmore, Act. Supvg. Archt., Washington, D. C.: Thos. W. Cissel, Beth. Tr. Bldg., Bethlehem, Pa.; Theriault Contracting Co., 534 E. Johnson St., Philadelphia, Pa.; English Construction Co., 15 W. 91st St., New York; E. G. Hefflin, Fredericksburg, Va.; Smythe & Co., 1416 F St., N. W.; English Construction Co., 1311 H St., N. W., both Washington; Virginia Engineering Co., First Natl. Bank Bldg., Newport News, Va. 5-31

Hospitals, Sanitariums, Etc.

Ala., Birmingham—Jefferson County Bd. of Revenue, Lacey Edmundson, Chmn., has low bid at \$168,500 from A. J. Krebs Co., Walton Bldg., Atlanta, Ga., for nurses' and internes' home, Hillman Hospital; plumbing and heating bid \$20,924 from Birmingham Purchasing Co., 131 N. Third Ave.; elect. work, Alabama Supply Co., 831 N. 20th St., bid at \$7250; Harry B. Wheelock, Archt., Steiner Bldg., all Birmingham. 5-17

Ark., Hot Springs National Park—Constructing Quartermaster, Army and Navy General Hospital, receives bids June 18 for addition to nurses' quarters, and all utilities; information on application.

Ark., McGehee—Chamber of Commerce interested in \$100,000 hospital; brick, 2 stories.

Ga., Atlanta—President signed second deficiency bill, carrying \$600,000 for new hospital to replace U. S. Veterans' Hospital, Peachtree St.; 200 beds. Address L. H. Tripp, Ch. Constr. Div., U. S. Veterans Bureau, Arlington Bldg., Washington, D. C.

Miss., Biloxi—Biloxi City Hospital, Dr. G. F. Carroll, Chmn., Bldg. Comn., call for bids latter part to June for fireproof hospital; \$100,000, rein. conc., brick, steel, stone trim, 3 stories, 60 beds, passenger elevator; Carl Matthes, Archt.; Mortgage and Securities Co., New Orleans, La., to issue bonds. 9-1-27

Miss., Laurel—Mississippi Building Comsn., Jackson, selected R. C. Springer, Rosenbaum Bldg., Meridian, as architect for repairs to South Mississippi Charity Hospital; \$25,000.

Miss., Sanatorium—Mississippi Building Comsn., Jackson, selected Ben Price, Age-Herald Bldg., Birmingham, Ala., as architect for children's ward, chapel, employes' cottages, walks, repairs, farm buildings, equipment, mechanical improvements, and landscaping for Tuberculosis Sanatorium; \$330,000.

Miss., Meridian—Mississippi Building Comsn., Jackson, selected R. C. Springer, Rosenbaum Bldg., Meridian, as architect for power house, bakery, ice plant and cold storage plant, East Mississippi Insane Hospital; \$225,000; also for 250,000 nurses' home, Mattie Hersee Hospital.

Miss., Natchez—Mississippi Building Comsn., Jackson, selected Shaw & Woleben, Gulfport, as architects for repairs, Natchez Charity Hospital; \$25,000.

Miss., Vicksburg—Mississippi Building Comsn., Jackson, selected Shaw & Woleben, Gulfport, as architects for repairs, Vicksburg Charity Hospital; \$25,000.

Mo., St. Louis—Treasury Dept., Jas. A. Wetmore, Act. Supvg. Archt., Washington, D. C., receives bids June 13 for misc. repairs, etc., at U. S. Marine Hospital.

Okla., Fort Sill, Lawton—Constructing Quartermaster, Field Artillery School, Fort Sill, receives bids June 11 for completing interior of west section, clinic and officers' ward bldg. and completing porches around bldg., Station Hospital.

W. Va., Fairmont—Cook Hospital, Atty. Herschel H. Rose, Pres., Bd. of Directors, erect nurses' home, site present structure; 2 and 3 stories, brick.

Hotels and Apartments

Fla., Miami Beach—Leon Sigman, 4343 Indian Creek Drive, erect addition to apartment, 4343 Indian Creek Drive; Wm. D. Lingler, Archt., Ingram Bldg., Miami.

Fla., St. Petersburg—Vino Park Hotel Co., A. V. Laughner, Pres., 178 Central Ave., receives bids June 15 for \$25,000, 1-story, rein. conc. and tile, fireproof kitchen addition; Henry L. Taylor, Archt., Times Bldg. 5-24

Ga., Dalton—Bradley & Bandy remodel Park Hotel.

Ky., Louisville—Herbert Weinberg, 530 W. Jefferson St., erect \$25,000, brick apartment, 1941 Roanoke Ave.

Ky., Louisville—Mrs. L. W. Hancock, Louisville Trust Bldg., has permit for 4 brick veneer apartments, 1543-49 S. 10th St.; \$20,000.

La., Houma—W. J. Picone erect 2-story, 80x68 ft., rein. conc. and brick hotel and garage; built-up comp. roof, cement and wood floors; Lockett & Chacherre, Archts., Balter Bldg., New Orleans.

Miss., Clarksdale—Mason & Spori, Archts., Vincent Bldg., New Orleans, receives bids June 15 for additions and alterations to 3-story brick building for hotel for Mrs. Lawless; \$30,000; masonry and carpentry work, tile and wood floors, tile baths, sheet metal, struct. steel, iron, cast stone work, glass windows, built-up comp. roof, plumbing, heating, electric fixtures.

Miss., Gulfport—T. W. Hemingway remodel Union Hotel on 27th Ave.

Miss., McComb—Claude H. Lindsley, Archt., Lamar Life Bldg., Jackson, receiving bids for alterations and additions to McColgan Hotel to include rein. conc. foundation, masonry, struct. steel, iron and cast stone work, metal lath, plate glass windows, tile vestibule, steel lintels, plumbing, heating, electric wiring, dampproofing and waterproofing.

N. C., Asheville—F. T. Walser, 21½ Haywood St., has permit for \$20,000, 32-room apartment, 127 Clingman Ave.

Okl., Oklahoma City—A. B. Newborn erect brick apartment house, 8th St. and Geary Ave.

S. C., Myrtle Beach—Johnson & Brannan, Archts., Peoples Bank Bldg., Lynchburg, Va., receive bids June 12 on \$300,000 Ocean Forest Hotel for Woodside Interests, Woodside Bldg., Greenville; rein. conc., brick and stone, fireproof; following contractors estimating: Southern Ferro Concrete Co., 70 Ellis St., N. E., Atlanta, Ga.; Gallivan Building Co., Gallivan Bldg.; Morris McCoy Building Co.; Fiske Carter Construction Co., Masonic Temple, all Greenville; Southern Builders, Inc., Florence; Hunkin Conkey Construction Co., 24 S. Tryon St.; Jno. P. Little & Son, J. J. McDevitt Co., both Bldgs., all Charlotte, N. C.; Angle Blackford Co., Greensboro, N. C.; Consolidated Engineering Co., 20 E. Franklin St., Baltimore.

Tenn., Memphis—C. C. Miller, Arcade Bldg., erect \$25,000, 41x73 ft., 2-story, brick, 8-apartment, N. Waldran St.; Regan & Weller, Archts., Dermon Bldg.

Tenn., Nashville—Harry McEwen, 1605 Fatherland St., erect \$15,000, 2-story, brick, 4-apartment, 1704 Stratton Ave.

Tex., El Paso—Charles Given, Pres., Given Bros. Shoe Co., 215 S. El Paso St., remodel, refurnish and redecorate DeLuxe Apartments, 1012 N. Oregon St.; \$10,000.

Tex., Houston—O. Y. Young has permit for \$20,000, 2-story, brick, 12-apartment, 1701 Louisiana St., Bayside Bayou subdivision.

Tex., Houston—Minchen Realty Co., Inc., West Bldg., has permit for \$15,000, 8-apartment, 1805 Decatur St.; 2 stories, brick veneer.

Tex., New Braunfels—New Braunfels Hotel Co., Inc., Ben W. Nuhn, Sec., erect 5-story brick and rein. conc. fireproof hotel; \$146,000.

Tex., Port Arthur—Dr. E. W. Vaughan, Dryden Place, reported, erect \$500,000, 10-story, hotel, Procter and Waco Aves.; 175x140 ft.; upstairs automobile storage house to accommodate 200 cars; Joseph Finger, Archt., Keystone Bldg., Houston.

Tex., San Angelo—Hilton Hotel Co., C. N. Hilton, Pres., lessee, Hilton Hotel, Dallas, receives bids June 20 for \$1,000,000, 14-story, brick, steel, rein. conc., tile, cast stone hotel, E. Towhig and S. Oakes Sts., B. B. Hall, care West Texas Lumber Co., owner; separate bids for plumbing, heating, wiring and elevators; Anton F. Korn, Archt., 816 Thomas Bldg., Dallas; B. M. Morgan, Asso. Archt., San Angelo Natl. Bank Bldg. 5-31

Tex., Sinton—P. H. Gay soon call for bids for 2-story, brick and tile, 30-room hotel on site of old Commercial Hotel.

Va., Petersburg—Brooks & Richardson, 112 W. Tabb St., considering erecting \$200,000, 3-story apartment, Fillmore and Jefferson Sts.

W. Va., Pence Springs—Associated Hotels, Incorporated, Geo. M. Crump, Pres., has taken over Pence Springs Hotel property and plans addition.

Miscellaneous

Ala., Tuscaloosa—J. D. Foster soon start work on funeral home, 7th St. and 22d Ave.

D. C., Washington—Natalie Avignone has permit for \$60,000, 2-story, brick and tile building, 1781 Columbia Rd., N. W.

Fla., Tampa—Lafayette Arcade, Grand Central and Lafayette Sts., remodel first floor of 3-story, 235x75-ft. building for combination market and shopping center; install vapor steam heating plant; plumbing; F. A. Harris, Archt., 301-2 Lafayette Arcade Bldg.

La., Alexandria—Rapides Golf and Country Club, C. E. Robinson, Pres., erect building to replace structure burned at loss \$15,000.

La., Donaldsonville—South Louisiana State Fair Assn. erect manufacturers' building, remodel old building for restaurant and dining room; \$15,000.

Miss., Vicksburg—John Haddad, 3511 Washington St., erect \$11,000, one-story, brick building on Washington St. to be leased to Wm. Saines for cafe; tile floor, metal ceiling, plate glass front; M. J. Donovan, Archt., 2743 Washington St., supervise construction.

Mo., St. Louis—Forest Park Highlands Co., Ben G. Brinkman, Pres., Forest Park Highlands, reported, expend \$1,500,000 for arenas and exhibit halls west of amusement resort on Oakland Ave. to house National Dairy Assn.; seating capacity, 14,000 people; central structure 435x284 ft.; exhibit buildings, 284x300 ft.; brick.

Okl., Tulsa—Tulsa Tennis Club soon call for bids for one-story, 30x70 ft., tile and stucco clubhouse; tile and asphalt roof, cement and wood floors; Donald McCormack, Archt., Atlas Life Bldg.

Tenn., Humboldt—The Gibson Wells Improvement Corp., C. L. Raines, Pres., Gibson Wells, R. F. D., Trenton, purchased 45-acre tract, Gibson Wells Health Resort; plan 65-room hotel and hospital and other improvements.

Tex., Austin—O. O. Norwood, Seventh and Colorado Sts., erect \$35,000, one-story rein. conc. addition to building, Seventh and Colorado Sts., for club building; Glesecke & Harris, Archts., 207 W. Seventh St.

Tex., El Paso—Dr. Alice G. Merchant, 809 E. Yandell Blvd., Pres., organization planning \$30,000 home for aged in Highland Park.

Tex., Harlingen—S. L. Williams, Pres., Valley Indiana Society, interested in erecting clubhouse on Laguna Madre.

Railway Stations, Sheds, Etc.

Mo., St. Louis—Terminal Railroad Assn. of St. Louis, Henry Miller, Pres., expend \$3,000,000 for enlargement Union Station; erect 4-story express building, additional passenger car storage yards, addition of 10 tracks, vehicular subway, umbrella type shelters over new station platforms; Dwight P. Robinson & Co., Inc., Engrs., 125 E. 46th St., New York. 5-24

Mo., St. Louis—Wabash Railway Co., J. E. Taussig, Pres., Railway Exchange Bldg., wires: "Fruit auction house 780x60 ft., cost including land \$850,000; administrative end of building 82x140 ft., rein. conc. with brick veneer; display and distributing room, struct. steel with gypsum roof and metal partitions, 630 ft. long, skylighted; R. E. Mohr, Company Archt.; specifications in about 10 days." 5-31

Schools

Ala., Auburn—Alabama Polytechnic Institute, Dr. Bradford Knapp, Pres., receives bids June 26 for \$80,000, 2-story and basement, 50x132-ft., rein. conc., brick, stone trim office building; steam heat, slate roof; Warren, Knight & Davis, Archts., 1603 Empire Bldg., Birmingham. 5-31

Ala., Birmingham—Bd. of Education, D. E. McKinley, Bus. Mgr., receives bids June 29 for Washington and North Birmingham elementary negro schools; bids on one or both buildings as follows: (1) General work; (2) plumbing, sewerage and gas fitting; (3) heating and ventilating; (4) electric work; plans at office Bd. of Education; Warren, Knight & Davis, Archts., Empire Bldg., also at office Wm. B. Ittner, Inc., Consltg. Archt., Bd. of Education Bldg., St. Louis.

Ala., Jacksonville—State Normal School erect \$100,000 boys' dormitory; fireproof.

Ala., Lafayette—School Bd., J. L. Sanders, Chmn., receives bids June 20 for 5-room addition to Ridge Grove High School.

Ala., Montevallo—Alabama College erect \$170,000 Weenona Hanson Hall, auditorium to be known as Thomas Waverly Palmer Hall, and Bibb Graves Hall.

Ala., Montgomery—City Bd. of Education, L. C. Cardinal, Pres., have plans completed

and call for bids by June 20 for 3-story, fireproof Collegiate Gothic type Senior High School; 460 ft. frontage; auditorium to seat 1850; 2-story building for gymnasium; Frederick Ausfeld, Archt., Shepherd Bldg. 5-10

Ark., Helena—Sacred Heart Academy soon start work on \$25,000 addition.

Ark., Little Rock—Bd. of Education, R. C. Hall, Supt., erect negro high school, 18th and Ringo Sts.; Wittenberg & Deloney, Archts., Home Insurance Bldg.

Fla., Englewood—Sarasota County Bd. of Public Instruction, W. T. Yarbrough, Supt., Sarasota, receives bids June 18 for \$35,000, 148x78 ft., one-story, hollow tile and frame graded school; wood, conc. and magnesite floors, asphalt and slate roof; plans at office T. M. Bryan, Archt., Sarasota Bank Bldg. 5-31

Fla., Kathleen—Polk County Bd. of Public Instruction, Bartow, complete Kathleen High School; \$12,000 bonds voted.

Fla., Orlando—Maurice E. Kressly, Archt., Smith Bldg., receives bids June 13 for \$100,000, 2-story, 250x115-ft., fireproof, steel frame, brick and tile parochial school for St. James R. C. Parish; gypsum roof, comp., wood and cement floors, 18 classrooms, auditorium to seat 650, cafeteria, skylight, ventilators, vacuum oil burning steam heat; H. M. Reynolds, Asso. Archt., 438 S. Orange Ave. See Want Section—Building Material and Equipment. 5-31

Fla., Palm Beach—Palm Beach County Bd. of Public Instruction, Joe A. Youngblood, Supt., purchased 20-acre site for proposed \$60,000 South Palm Beach Junior High School.

Fla., Tampa—Hillsborough County Bd. of Public Instruction erect \$20,000 school in Cork Academy Special School Tax Dist. No. 7; bonds voted.

Ga., Atlanta—City Bd. of Education, R. R. Ritchie, Asst. Supt., postponed opening bids for Commercial High, South Atlanta, Adair, Georgia Ave., Forest Ave. and Hoke Smith schools; G. Lloyd Preacher & Co., Inc., Archts. 5-31

Ga., Cairo—School Trustees, J. B. Wight, Chmn., received low bid from J. M. Culpepper & Sons, Pelham, for \$40,000, one-story and basement, 208x55 ft., 10-classroom and auditorium school; brick and stucco, steel, cast stone trim, comp. and tile roof; Lockwood & Poundstone, Archts., Forsyth Bldg., Atlanta. 5-17

Ga., Decatur—City votes June 30 on \$85,000 school bonds.

Ga., Ellabell—Ellabell-Eldora Consolidated School Dist. Trustees plan \$18,000 building.

Ga., Lambert—Lambert School Dist. votes in June on \$10,000 bonds.

Ga., Marietta—Lockwood & Poundstone, Archts., Forsyth Bldg., Atlanta, receive bids June 14 for one-story and basement, brick school in Elizabeth School Dist., Cecil Cogburn, Chmn.; comp. roof, conc. and wood floors. 5-17

Ga., Willie—Willie School Dist. votes in June on \$15,000 bonds.

Ky., Beaver Dam—Bd. of Education erect Graded and High School addition; C. W. Kimberlin, Archt.; bids in.

Ky., Bowling Green—City votes June 16 on \$90,000 school bonds.

Ky., Frankfort—State Bd. of Charities and Corrections retained E. A. & C. C. Weber, Covington, and Ingalls Bldg., Cincinnati, to supervise construction \$100,000 dormitory at Feeble-Minded Institute.

Ky., Hartford—Hartford School Dist., T. H. Black, Chmn., erect school auditorium; \$14,000 bonds voted.

Ky., Lexington—University of Lexington, Dr. Frank L. McVey, Pres., erect \$300,000 teachers' training school.

La., Bastrop—Morehouse Parish School Bd. receives bids June 19 for two \$20,000, one-story, rein. conc. and brick industrial schools for negroes; built-up comp. roofs, wood and cement floors; J. W. Smith and Associates, Archts., Ouachita Natl. Bank Bldg., Monroe.

La., Monroe—School Bd. considering high school and 2 elementary schools.

La., Morse—Acadia Parish School Bd., Crowley, receives bids June 12 for \$45,000, one-story, rein. conc. brick, stone trim school; separate bids for plumbing and heating; built-up comp. roof, steel and iron; plans at office Herman J. Duncan, Archt., 120 Murray St., Alexandria.

Md., Westminster—Western Maryland College, Dr. A. Norman Ward, Pres., erect \$125,000, 3-story science building; plans being considered to further enlarge and improve facilities.

Miss., Alcorn—Alcorn College erect administration, agricultural and hospital build-

ings; \$325,000; Claude H. Lindsley, Archt., Lamar Bldg., Jackson.

Miss., Bay St. Louis—Hancock County Bd. of Supervisors called election June 9 on \$12,000 bonds in Dedaux Consolidated School Dist. 5-3

Miss., Carthage—Bd. of Education receives bids June 18 for \$25,000, 2-story, rein. conc. and brick school addition; built-up roof, struct. steel and iron work, wood and conc. floors; Emmett J. Hull, Archt., Merchants Bank Bldg., Jackson. 5-17

Miss., Cleveland—Delta State Teachers College erect academic building, women's dormitory, dining hall, cottages for professors, and heating plant; \$350,000; Claude H. Lindsley, Archt., Lamar Bldg., Jackson.

Miss., Columbus—Mississippi State College for Women erect Home Economics Bldg., Practical School Bldg. and laboratory; \$530,000; Claude H. Lindsley, Archt., Lamar Bldg., Jackson.

Miss., Columbia—Industrial and Training School expend \$175,000 for light plant, laundry equipment, vocational equipment, girls' dormitory and general repairs; Vinson B. Smith, Jr., Archt., Gulfport. See Want Section—Building Material and Equipment. 5-31

Miss., Ellsville—Colony for Feeble Minded erect dormitory, service building and laundry; \$500,000; Claude H. Lindsley, Archt., Lamar Bldg., Jackson.

Miss., Georgetown—Georgetown Consolidated School Dist. Trustees receive bids June 15 for \$30,000, one-story, brick, stone trim school; 8 classrooms, built-up comp. roof; plans at office Emmett J. Hull, Archt., Merchants Bank Bldg., Jackson. 5-17

Miss., Hattiesburg—State Teachers College erect administration building, dormitory and dining hall; equipment, walks, drainage; \$470,000; Vinson B. Smith, Jr., Archt., Gulfport. See Want Section—Building Material and Equipment. 5-31

Miss., Houma—School Bd. call for bids in June for \$15,000, one-story, brick veneer school; built-up comp. roof; Alsop & Callahan, Archts., Dermon Bldg., Memphis, Tenn.

Miss., Jackson—Deaf and Dumb Institute expend \$20,000 for repairs; Shaw & Woleben, Archts., Gulfport. 5-31

Miss., Oxford—University of Mississippi plans \$1,000,000 building program as follows: Graduate school and classrooms, law school, gymnasium, training school, residence for professors, power plant extension, women's and boys' dormitories, dining hall and equipment, equipment for library, pharmacy, chemistry, physics, geology, astronomy, engineering departments, sewerage, drainage, roads and walks, wells, renovation old law building for geology department; Frank P. Gates, Archt.; Edwards Hotel, Jackson. 5-31

Miss., Pineville—Pineville Consolidated School Dist. Trustees receive bids June 15 for \$30,000, one-story, rein. conc., brick, stone trim school; separate bids for painting, wiring and electrical fixtures, plumbing and heating; built-up comp. roof; plans at office Vinson B. Smith, Jr., Archt.; E. E. Norwood, Asso. Archt., both Gulfport. 4-12

Miss., Quitman—School Bd., C. E. Hood, Supt., plans high school.

Miss., Stafford Springs—Frank P. Gates, Archt., Edwards Hotel, Jackson, receives bids June 15 for \$45,000, one-story, rein. conc., brick, tile and cast stone trim school; 15 classrooms, built-up comp. roof, struct. steel and iron work. 5-10

Miss., Starkville—Agricultural and Mechanical College erect \$540,000 agricultural building and dormitory; Claude H. Lindley, Archt., Lamar Bldg., Jackson. 5-31

Mo., Brookfield—Bd. of Education erect high school to replace structure burned at loss \$50,000.

Mo., Columbia—Kappa Kappa Gamma Sorority, University of Missouri, erect chapter house, Rollins and Richmond Aves.; Study & Farrar, Archts., Arcade Bldg., St. Louis.

Mo., Marshall—Missouri Valley College, Dr. Geo. H. Mack, Pres., erect \$100,000 girls' dormitory, gift of Wm. B. Young, Kansas City.

Mo., Saginaw—Saginaw, Lake Hill, Silver Creek and Reinmiller Schools Dists., considering consolidating and erecting high school; Roy Scantlin, Newton County Supt. of Schools, Neosho.

Mo., St. Louis—Washington University plans \$450,000 stadium, seat 35,000.

N. C., Louisburg—Louisburg College Trustees erect \$150,000 building, gift of Richard H. Wright, Durham.

N. C., Wilson—Atlantic Christian College, H. S. Hilley, Pres., plans to start work soon on first unit of buildings planned on High-

way No. 91; H. B. Hunter, Archt., 116 N. Main St., High Point. 5-31

Okla., Muskogee—Bd. of Education receives bids June 11 for \$50,000, one-story, 42x100-ft. brick and tile school; plans at office L. L. Howenstein, Archt., 2705 Oklahoma St.

Okla., Muskogee—Unity College, Dr. R. T. Bullman, Pres., soon let contract for \$40,000, 3-story and basement, 40x100 ft., brick and tile school; W. A. Rayfield & Co., Archts., Birmingham, Ala.

Okla., Prague—School Bd., E. E. Long, Clk., erect \$25,000, 2-story, brick, stone trim, hollow tile high school addition; Milton Bailey, Archt., Colcord Bldg., Oklahoma City; bids in June 6. See Want Section—Building Material and Equipment. 5-24

S. C., Denmark—Voorhees Normal and Industrial Institute, Rt. Rev. Wm. A. Guerry, Chmn., Bd. of Trustees, Charleston, plans academic building, girls' industrial building and Episcopal Church on campus; \$200,000.

S. C., Hardeeville—Hardeeville Consolidated School Trustees, C. M. McTeer, Chmn., receives bids June 11 for frame brick veneer school; plans at office J. H. Sams, Archt., Carolina Bk. Bldg., Columbia.

S. C., Spartanburg—School Bd. erect 35-room Converse Heights Grammar School; C. C. Wilson, Archt., Columbia; W. Paul Williams, Asso. Archt.

S. C., Yemassee—Yemassee Consolidated School Trustees, H. McM. Williams, Chmn., receives bids June 12 for frame brick veneer school; plans at office J. H. Sams, Archt., Carolina Bk. Bldg., Columbia.

Tenn., Benton—Polk County votes June 9 on \$180,000 bonds for high school in Benton, grammar school at Ducktown and addition to school at Copperhill; J. D. Clemmer, Supt. of Education.

Tex., Alvin—Alvin Ind. School Dist. voted \$80,000 bonds for high school; Dr. J. W. Vogan, Pres., Bd. of Trustees. 5-17

Tex., Beaumont—Bd. of Education selected F. W. Steinman & Son to prepare plans for \$900,000 high school and Lively & Wiedeman, San Jacinto Bldg., as architects for \$100,000 negro school, \$80,000 Averill School addition and additions to 2 junior high schools, totaling \$180,000; retained Harry D. Payne, Kirby Bldg., Houston, as consulting specialist, and Fred Taylor, 2510 McFaddin St., as building superintendent for all units of \$1,500,000 building program. 4-19

Tex., Brownwood—Daniel Baker College soon start work on 85x100 ft. gymnasium. 9-1-27

Tex., Cotulla—School Bd. erect one-story, conc., brick and steel, cast stone school; Henry T. Phelps, Archt., Hicks Bldg., San Antonio; bids in.

Tex., Dallas—Dallas Vocational School, C. A. Jay, plans \$500,000 campaign for buildings near Perry Heights on Cedar Springs road.

Tex., Harlingen—Bd. of Education, R. B. Hamilton, Sec., soon call for bids for one-story, 63.8x57.6 ft., brick, tile and rein. conc. Mexican School addition; Page Bros., Archts., Brownsville, and Austin Natl. Bank Bldg., Austin.

Tex., Hitchcock—Hitchcock Dist. School Trustees, J. A. Bret, Chmn., plans \$10,000 brick and tile addition to school.

Tex., Houston—City voted \$4,000,000 bonds for new buildings, additions and equipment; H. L. Mills, Bus. Mgr., Houston Ind. School Dist. 5-10

Tex., Newcastle—Newcastle Ind. School Dist. votes in June on \$30,000 bonds for community school.

Tex., Olton—Olton Ind. School Dist. voted \$40,000 bonds for high school; Peters, Haynes & Strange, Archts., Lubbock. 5-24

Tex., Palestine—Anderson County Bd. of Education received bids June 9 for \$13,000 Neches High School; one-story, 82x87 ft., brick, wood floors, built-up roof; plans at office Theo. S. Maffitt, Archt. See Want Section—Building Material and Equipment. 5-10

Tex., San Antonio—Westmoorland College, Dr. E. R. Stanford, Pres., plan \$500,000 expansion program.

Tex., Trinity—Trinity Ind. School Dist. erect \$80,000, 2-story, 14-classroom and auditorium, rein. conc., brick, stone trim school; S. W. Ray, Archt., Jacksonville; bids in June 5. 5-3

Tex., Woodson—Woodson Ind. School Dist. voted \$35,000 bonds.

Tex., Uvalde—Bd. of Education, Guy D. Dean, Supt., erect high school and grade school; \$150,000 bonds voted.

Va., Newport News—City votes June 12 on \$40,000 school bonds.

Va., Richmond—University of Richmond, Dr. F. W. Boatwright, Pres., soon call for bids for \$125,000 Henry Mansfield Cannon

Memorial chapel, gift of Mrs. Henry M. Cannon.

Va., Richmond—School of Social Work and Public Health, 829 W. Franklin St., soon call for bids for 2-story brick addition to gymnasium and auditorium for laboratory and classroom purposes.

Stores

Ala., Montgomery—James and John McIntyre erect 2-story brick building on Bibb St.

Ala., Montgomery—L. B. Whitfield, Jones St., erect 2-story, 50x175 ft., brick building, 112-14 Commerce St., to be leased by Montgomery Ward & Co., Chicago.

Ark., Camden—Myar Estate expend \$25,000 for improvements to one-story brick buildings to be leased to F. W. Woolworth & Co., Woolworth Bldg., New York.

Ark., Jonesboro—W. R. Stuck erect 2-department store building, Main St.

Ark., Jonesboro—Dr. P. W. Lutterloh erect brick store, Main St.

Ark., Kensett—O. E. Eiland soon start work on brick store.

Ark., Kensett—J. E. Fendren plans four 2-story commercial buildings.

D. C., Washington—F. & W. Grand 5-10-25 Cent Stores, Inc., N. L. Morrison, V.-P., 902-10 Broadway, New York, remodel building, 400-04 Seventh St., N. W.; \$26,500; Upman & Adams, Archts., Woodward Bldg. 5-31

Fla., St. Petersburg—Richard W. Massey, 1401 Beach St., Birmingham, Ala., erect 2-story, stucco and tile, Italian type store and office, 356 Central Ave.; Elliot B. Hadley, Archt.

Fla., Tampa—E. W. Parker, 305 Cass Ave., postponed erection building, Cass and Morgan Sts. 5-31

Ga., Griffin—S. W. Goldstein received low bid at \$55,300 from W. F. Francis, Luckie St., Atlanta, for 5-story and basement, 90x35-ft., rein. conc., brick and hollow tile store and office; Indiana limestone trim alternate with terra cotta, 5-ply tar and gravel roof; Frazier & Bodin, Archts., Candler Bldg.

Ga., Monroe—Barret, Medlin & Co. plan rebuilding burned block.

La., Alexandria—Antoine Caesar soon start work on 2-story, 50x56-ft. brick store, Lee and 10th Sts.; plate glass window fronts.

La., New Orleans—Morgan D. E. Hite, Archt., Whitney Bank Bldg., soon let contract for 2-story, brick, cast stone trim store and apartment, Broad and 4th Sts.; comp. roof.

Md., Baltimore—Lucy Lou Shops, 519 Eighth Ave., New York, expend \$10,000 for improving 3-story building, 29 W. Lexington St.

Mo., Poplar Bluff—Grover W. Dalton soon let contract for Dalton building, Main and Poplar Sts.

Okla., El Reno—J. C. Penney Co., C. D. Williams, Local Mgr., erect one-story, 120x50 ft., brick and tile store on Bickford Ave.

Okla., Madill—W. N. Taliaferro Estate, John Taliaferro, administrator, soon start work on brick business block on Main St.

Okla., Tulsa—G. W. Ramsey has permit for \$12,000, brick store and apartment, 2745-47 E. 15th St.

Okla., Tulsa—James E. Duffey erect 2-story and basement, 125x140 ft., fireproof store; John T. Blair, Archt., Palace Bldg.

Tenn., Gate City—S. P. and E. B. Elliott erect 80x70 ft. store and apartment on Main St.

Tenn., Memphis—James and Morris Hanover, Dermon Bldg., have permit for 4 brick stores, Chelsea Ave.; \$10,000.

Tex., Beaumont—W. P. H. McFaddin, 284½ Pearl St., remodel Nathan Building, Orleans and Laurel Sts., for store to be leased to Montgomery Ward & Co., Inc., Chicago; \$20,000; Fred Stone, Archt.

Tex., Edinburg—Hayes-Sammons Hardware Co. erect \$10,000, one-story, 50x100-ft., rein. conc., tile, brick store and warehouse; Robt. L. Vogler, Archt.

Tex., Fort Worth—Chester L. Jones, Pres., Sanger Bros., Inc., Main and Lamar Sts., Dallas, leased site on which \$750,000, 5-story and basement building is to be erected; Wyatt C. Hedrick, Inc., Archt., First Nat'l Bank Bldg.; to be leased to Sanger Bros.

Tex., Houston—F. P. Ditta erect \$11,500, brick veneer store and apartment, 3911 Harrisburg St.

Tex., Houston—L. C. Perry has permit for \$16,000, brick veneer store, 1975-81 Welch St.

Tex., Houston—Jesse H. Jones Interests, reported, erect \$1,000,000, 4-story, conc. and steel, stone or terra cotta store, Main St.

and Walker Ave., to be leased by Levy Bros. Dry Goods Co., 309 Main St.; foundation for 25 stories; probably erect additional floors for offices later; Joseph Finger, Archt., Keystone Bldg.

Tex., San Angelo—Baker Hemphill call for bids about July 15 for \$200,000, 5-story, brick, stone and rein. conc. department store; Anton F. Korn, Archt., 816 Thomas Bldg., Dallas; B. A. Morgan, Asso. Archt., San Angelo Natl. Bank Bldg. 4-26

Tex., San Antonio—Graham & Collins Electric Co., 306 W. Commerce St., received bids June 8 for one and two-story, 55x66 ft., store, Main Ave. and Quincy St.; stone tile walls with stucco, artificial stone trim; Harvey P. Smith, Archt., Natl. Bank of Commerce Bldg. 5-10

Tex., Temple—L. Katz, Temple Junk Co., erect brick building on S. Main St.

Theaters

Ala., Montgomery—Little Theater Bd. of Directors, W. Nash Read, Chmn., erect 50x160 ft., stucco theater on Julia St. near Lawrence St.; seat 350 people; Okel & Cooper, Archts., Bell Bldg.

Tex., Yoakum—Management, Queen Theater Building, Lott and W. May St., remodel and erect addition; 2 stories, brick.

Va., Marion—C. S. Wassum plans 3-story building on Main St. for stores on first floor and entrance to moving picture theater to

seat 1200; 2 upper floors for apartments; 75 ft. frontage; \$100,000; Eubank & Caldwell, Archts., Boxley Bldg., Roanoke.

W. Va., Martinsburg—F. Vernon Aler represents New York and Philadelphia interests who plan \$350,000, 52x152-ft., one-story, fireproof theater, Martin and College Sts.; seat 1200 to 1500 people; install \$25,000 Marr-Colton organ. 3-8

Warehouses

Ala., Mobile—Director of Supplies, United States Shipping Bd. Merchant Fleet Corp., 1713 Navy Bldg., Washington, D. C., receives bids June 19 for one-story, 40x120-ft. warehouse, Blakeley Island; struc. steel, corrugated galvanized iron, wood floor; plans from Engineer, Terminals and Real Estate Div., 3825 Navy Bldg., Washington, and W. A. Jordan, Pur. Agt., Supply Dept., Merchant Fleet Corp., Federal Custom House Bldg., Mobile.

Ky., Ashland—Ashland Telephone Co. erect warehouse and garage on 28th St.

La., New Orleans—B. A. Flanders erect 2-story, rein. conc., brick, fireproof warehouse and office building, Carrollton Ave. and St. Louis St., for Fisk Tire Co., 408 N. Rampart St.; Theard & Matthews, Archts., Balter Bldg.; bids in.

Tex., Houston—Mrs. H. Bartell, C. H. Hurlock, representative, Queen Bldg., repair warehouse, 801 Williams St., damaged by fire.

BUILDING CONTRACTS AWARDED

Bank and Office

N. C., Charlotte—C. W. Johnston erect 2 additional stories to Johnston Bldg.; Hunkin-Conkey Construction Co., Contr., 24 S. Tryon St.

Tenn., Chattanooga—Hamilton Trust and Savings Bank, W. E. Tomlinson, Vice-Pres., let contract to John Parks, Hamilton Natl. Bank Bldg., for \$500,000 bank and office building; 4 stories and basement, 110x60 ft., conc. slab basement, Elberton (Ga.) dark grey granite base, terra cotta and face brick exterior walls, tile and brick backing, rein. conc. constr., gypsum block partitions; East Tennessee grey marble work for banking room, entrances, wainscoting, etc.; struct. steel, steel stairs, misc. and orn. bronze and iron work, Barrett AA 4-ply roof, Celotex, cement, terrazzo, tile, marble and rubber tile floors. Wrightmann metal windows, Swartout ventilators; plumbing and heating to John Cuneo Plumbing Co., \$22,170; electric work, Howard P. Foley Co., Washington, D. C., \$5,700; R. H. Hunt Co., Archt., James Bldg. 5-10

Tenn., Memphis—E. J. Pearson, 1055 Parkway, has contract to remodel Randolph Bldg.; \$30,000; repaint interior, new elevator fronts.

Tex., Corpus Christi—S. Maston Nixon erecting 4-story addition to Nixon Bldg.; work to second floor; rein. conc., 192x85 ft., \$150,000; Hardy & Curran, Archts., Corpus Christi; W. Mathews, Engr., San Antonio; Dougherty-Nichols-Young Construction Co., Contr., Corpus Christi; heating, plumbing and elevator not let. 5-24

Tex., Del Rio—First National Bank let contract to L. T. Wright & Co., Bldrs. Exch. Bldg., for brick, rein. conc. and stone building; 6 stories; Geo. Willis & Emmett T. Jackson, Archts., Bldrs. Exch. Bldg., both San Antonio. 4-19

Tex., San Antonio—Martin Wright Electric Co., 308 E. Houston St., has wiring contract at \$47,864 for \$3,000,000 Smith-Young Tower; Atlee B. and Robt. M. Ayres, Archts., Bedell Bldg.; McKenzie Construction Co., Contr., Travis Bldg. 5-24

W. Va., Charleston—Following contracts let on 20-story Kanawha Valley Bank Bldg.: Excavation and conc., Douglas Co. of Pittsburgh, Pittsburgh, Pa.; foundations, Gow Co., 90 West St., New York; marble, Candora Marble Co., Knoxville, Tenn.; struct. steel, Lehigh Structural Steel Co., Allentown, Pa.; terra cotta, New York Architectural Terra Cotta Co., Long Island City, N. Y.; elect. work, John P. Morrissey, Inc., 17 E. 42d St., New York; Alfred C. Bosson, Archt., 689 Fifth Ave., New York; Chas. A. Haviland, Asso. Archt., Kan. Bk. Bldg., Charleston; James Stewart & Co., Inc., Contrs., Natl. City Bldg., New York. 4-26

Churches

Fla., Orlando—Central Christian Church let contract for \$25,000 building, Ridgewood

Ave. and Cathcart St., to A. E. Arthur, Smith Bldg.; steel, brick, conc. block and stucco, 3 stories, 50x110 ft., pine floors, terra cotta trim, steel sash and trim, rein. conc. foundation, built-up flat roof; C. A. Carpenter, Archt., 59 E. Pine St. 5-31

Fla., St. Petersburg—St. Marys R. C. Church, Father O'Reardon, Pastor, Fourth and Third Aves., reported, erect \$225,000 building; 1 story, 90x150 ft.; H. L. Taylor, Archt., Times Bldg.; Fred Dillman, Contr., 900 Ninth Ave., S.

Ga., Savannah—Independent Presbyterian Church, Capt. Robt. M. Hitch, Chmn., Bldg. Comm., Sav. Fire Ins. Bldg., let contract at \$119,864 to Farquhar McRae, Savannah, for Sunday school; rein. conc., 3 stories, steel truss, conc. and hardwood floors, slate roof, steam heat; Cram & Ferguson, Archts., 248 Boylston St., Boston, Mass.; Levy & Clarke, Asso. Archts., Blum Bldg., Savannah. 4-12

La., New Orleans—Jesuit Church, Baronne St. near Canal St., remodel building; \$150,000, rein. conc. foundation, marble flooring, struct. steel work, plastering, etc.; Wogan & Bernard, Archts., Baronne Bldg.; Geo. J. Glover Co., Inc., Contr., Whitney Bank Bldg.

Md., Baltimore—Dietrich Bros., 220 E. Pleasant St., Baltimore, have struct. steel and orn. iron contract for \$500,000 church, school, convent and rectory for St. Bernardine Parish, Edmondson Ave. and Mt. Holly St.; lathing and plastering, Edw. L. Starr, Elm St., Mt. Washington; stone and masonry, Perna & Son, 827 14th St., N. W., Washington, D. C.; Francis E. Torrey, Archt., 3411 Gwynns Falls Pkwy.; Henry L. Maas & Son, Contrs., Munsey Bldg. 2-23

Md., Cumberland—Pittsburgh-Des Moines Steel Co., Prof. Bldg., Pittsburgh, Pa., has contract for 100 tons struct. steel for Centre Street M. E. Church; Geo. F. Sansbury, Archt., Cit. Natl. Bank Bldg.; Geo. F. Hazelwood, Contr., McFarlane Bldg., both Cumberland. 5-31

N. C., Shelby—First Baptist Church let contract for \$100,000 Sunday school to John A. Gardner, Charlotte; brick, limestone trim, steel and wood constr., 4 stories, cement, tile and wood floors, conc. foundation, comp. and slate roof; Hugh E. White, Archt., 509 Comm. Bank Bldg., Gastonia; steam heat, Piedmont Plumbing and Heating Co., Gastonia; elect. work and plumbing in gen. contract. See Want Section—Building Material and Equipment. 5-24

Tenn., Elizabethton—First Baptist Church let contract for \$150,000 building to Kingsolver Construction Co., Bristol, Va.-Tenn.; heating, E. K. Campbell Heating Co., 2441 Charlotte St., Kansas City, Mo.; plumbing, Bristol Heating and Plumbing Co., Bristol; elect. work, Valley Electric Co., Elizabethton; brick, stone trim, 2 stories and basement; Wellington J. H. Wallace, Archt., 167 Eighth Ave., North, Nashville, Tenn. 1-26

Tenn., Memphis—First Presbyterian Church, W. R. King, Chmn. Bldg. Comm., has low bid at \$52,025 from Ferguson Construction Co., Dermott Bldg., for remodeling bldg.;

J. Frazier Smith & H. M. Burnham, Archts., Goodwyn Inst. Bldg. 3-20

Tenn., Nashville—Central Church of Christ let contract for \$100,000 bldg., 143 Fifth Ave., North, to Foster & Creighton Co., Fourth and First Bldg.; brick, steel and conc., 5 stories and basement, 80x69 ft., stone trim, conc., tile and wood floors, slate and comp. roof, steam heat; Jones & Oehmig, Archts., Ind. Life Bldg. 3-15

Tex., Beeville—First Presbyterian Church let contract to W. O. Stephenson, P. O. Box 762, Edinburg, for \$40,000 church and Sunday school; conc., brick and steel, 2 stories, 100x70 ft., beech floors, conc. foundation, tile and 4-ply asbestos roof; furnishings, equipment, etc., \$10,000; Paul G. Silber & Co., Archts.; Homer T. Mathews, Engr., both Bedell Bldg., San Antonio. 5-10

Va., Portsmouth—First Presbyterian Church let contract at \$27,143 to S. B. Williamson, Law Bldg., for brick and stucco, Sunday school; 2 stories, 41x87 ft. with 12x36-ft. wing, wood floors, conc. footings, built-up Barrett or Johns-Manville roof; address proposals on furnishings, equipment, etc., \$2500, to L. C. Wright, Chmn., Bldg. Comm.; Chas. M. Major, Archt., Commr. Bldg. 5-31

City and County

Ark., Little Rock—Pulaski County Bd. of Commrs. let contract at \$158,800 to Herman & McCain Construction Co., Heigler Bldg., for jail; rein. conc. and limestone, 4 stories and basement, tool and heatproof steel cells; Thompson, Sanders & Ginochio, Archts., Hall Bldg. 5-31

Fla., Avon Park—City Council let contract at \$28,680 to Chas. W. Paber for city hall; Wm. J. Hehn, Archt. 4-12

Mo., St. Louis—Bd. of Public Service, E. R. Kinsey, Pres., let contract at \$100,695 to A. H. Haeseler Building and Contracting Co., Wainwright Bldg., for wings to Souldard Market and playgrounds; brick, 1 story, 300x24 ft.; Albert Osburg, Archt., 3654 Meramec St.; L. R. Bowen, Engr., 6980 Page Blvd. 5-17

Tex., Alice—City, A. S. Anderson, City Clk., let contract at \$16,915 to J. Arthur Smith, Alice, for city hall and fire station; brick, tile, stucco, cast stone and rein. conc., 2 stories, about 66x51 ft., wood and conc. floors, tile roof; Hardy & Curran, Archts., Nixon Bldg., Corpus Christi; Homer M. Matthews, Engr., Bedell Bldg., San Antonio. 3-22

Tex., Bay City—City let contract at \$21,900 to A. P. Rhelmer & Son, 306 Wyoming St., San Antonio, for city hall and fire station; brick, hollow tile, rein. conc. and stucco, 1 story and balcony, about 137x55 ft.; Morris & Noonan, Archts.-Engrs., Bldrs. Exch. Bldg., San Antonio. 5-17

Tex., Corpus Christi—City let contract for \$10,000 fire station, Leopard St., to Alfred Barron & Co.; E. Kenneth Ahler, Archt., State Natl. Bank Bldg. 5-24

Dwellings

Ala., Birmingham—Stephen R. Coleman, 2124 Highland Ave., erect \$20,000 brick veneer residence, Country Club Gardens; 2 stories; Warren, Knight & Davis, Archts., Empire Bldg.; bids in.

Ala., Birmingham—Thos. Scott Brown, 924 Conroy Rd., let contract to W. A. Poindexter, 1877 Warrior Rd., for residence; 2 stories, tile roof, steam heat; Jacob E. Salie, Archt., Exch. Bldg. 4-19

Ala., Birmingham—Henry H. Cobb, Phoenix Bldg., erect \$52,000 stone veneer residence, S. 18th Ave. near 21st St.; 2 stories, 107x48 ft., slate roof; N. B. Levinge, Contr., 2521 S. 15th Ave.

D. C., Washington—L. E. Breuninger & Sons, Colorado Bldg., have permit for \$12,000 dwelling, 1734 Taylor St., N. W.; brick, 2 stories; owners build.

Fla., Coconut Grove, Miami—G. R. Alexander let contract for \$21,000 residence and garage, Matheson Ave., to E. L. McRae, 4040 Entrada Ave., Coconut Grove; conc. block, 1 and 2 stories, 60x27 ft. and 21x20 ft., wood and tile floors, tile roof; W. C. DeGarmo, Archt., 30 S. E. Sixth St., Miami. 4-26

Fla., Fort Myers—C. J. Burgess, Madison, Wis., erect \$50,000 residence, Burgess Island; C. Frederick Moss, Archt., St. Petersburg, Fla.; Eric T. Carlson, Contr., Fort Myers, Fla.

Fla., Jacksonville—Clarence G. Ashbey, Atlantic Bank Bldg., erect \$10,000 dwelling, Montgomery St. near St. Johns Ave.; frame, 2 stories; owner builds.

Fla., Miami Beach—F. O. Butler, 124 Brazilian Ave., Palm Beach, let contract to Tropical Homes, Inc., 1108 Lincoln Rd., Miami Beach, for \$30,000 residence, Belle Isle; plans additional \$35,000 dwelling.

Fla., Miami Beach — Tex Rickard erect \$10,000 addition to winter residence, 2983 N. Bay Rd.; frame, 1 story, comp. roof; Robt. A. Taylor, Archt., Spanish Village, Miami Beach; C. E. Haley, Contr., Seybold Bldg., Miami.

Fla., Miami — Col. E. H. R. Green, Star Island, let contract at about \$33,400 to John B. Orr, Inc., 147 N. E. Sixth St., for employees' quarters; hollow tile, 2 stories, 25x75 ft. and 20x40 ft., wood and tile floors, tile roofs; bedrooms, dining room, kitchen and boiler room; Kiehnel & Elliott, Archts., Seybold Bldg.

Fla., Miami — H. R. Klein, Realty Bd. Bldg., let contract for \$20,000 residence to S. N. Diegaard, Avenue Sorolla; conc. block, 2 stories, 43x87 ft., tile and wood floors, tile and comp. roof; H. D. Stewart, Archt., Coral Gables. 4-26

Fla., West Palm Beach — E. Z. Nutting, Huntington, Long Island, N. Y., pouring footings for \$116,000 residence, S. Ocean Blvd.; Spanish Gothic type, tile and stucco, 2½ stories, built-up and Cuban tile roof, tile and hardwood floors; Julius Jacobs Archt., 500 W. Lakewood Rd.; Arnold Construction Co., Contr., Harvey Bldg., elect. work, Hamilton Electric Co.; plumbing, E. C. Hilker, Inc., 505 15th St.; roofing and sheet metal work, Ahrens & Sons, 911 S. Poinsettia St., all West Palm Beach. 5-17

Ga., Atlanta — Lee M. Davidson let contract to L. A. Stow, 83 Marietta St., for residence, Huntington Rd.; brick, 1 story and basement, hardwood floors, comp. shingle roof; W. E. Eason, Archt., 547 Candler St., N. E.

Ga., Atlanta — Louis Aronstam, 203 Decatur St., let contract at \$33,000 to Flagler Co., Red Rock Bldg., for brick veneer residence; 2 stories and basement, hardwood floors, steam heat; Pringle & Smith, Archts., Norris Bldg. 5-17

Ga., Atlanta — J. C. Hembree, 1028 Allene Ave., S. W., erect \$12,500 duplex, 394 Seventh St., N. E.; 2 stories and basement, 10 rooms, 2 baths, comp. roof; owner builds.

Ga., Atlanta — W. C. Mirrim erect \$16,000 residence, Druid Hills; brick veneer, 2 stories and basement, hardwood and tile floors, comp. or slate roof, steam heat; Lena Ross Wilburn, Archt., Peters Bldg.; Chas. H. Landrum, Contr., Healey Bldg.

Ga., Macon — E. H. France, 1015 Fifth St., erect \$25,000 stone and tile dwelling, Ingle-side; John Higginson Construction Co., Contr.; also erect \$15,000 stone and tile dwelling, Roycrest Drive.

La., New Orleans — J. L. Brehm, Contr., 1524 Gen. Ogden St., erect double dwelling, 8700 Belfast St.

La., New Orleans — A. K. Jones, Contr., 2519 Jasmine St., erect 2 single raised dwellings, 2500 block Jasmine.

La., New Orleans — Miss H. M. Hatrel erect single residence, Story St. near Palmer Ave.; H. M. Johnson, Contr., 1929 Painters St.

La., New Orleans — Ed Clade, Contr., 1209 Alvar St., erect dwelling and garage, Marais St. near Alvar.

La., New Orleans — Philip Schneller, Contr., 4141 Orleans St., erect residence and office, Cambronne and Joliet Sts.

La., New Orleans — B. Segal, Contr., 7224 Apricot St., ready about 1 week for sub-bids on 2-story duplex, 7028-30 Apricot St.

La., New Orleans — M. Diebold, Contr., 2707 N. Galvez St., erect double dwellings.

La., New Orleans — J. V. Watts erect 2-story duplex, State St.; J. W. Johnson, Contr., 2618 N. Roman St.

Md., Baltimore — Wm. H. Nouns, care Consolidated Engineering Co., 20 E. Franklin St., erect Spanish type stucco bungalow, Howard Rd., Sudbrook Park; Consolidated Company, Contr.; work started.

Md., Baltimore — Geo. H. Bopp, 4212 Furley Ave., erect 3 frame dwellings, 4105-09 Wilke Ave.; 1½ stories, 22x24 ft., hot air heat; \$10,000; plans and constr. by owner.

Md., Baltimore — Webster & Garner, 1524 N. Monroe St., erect 5 brick dwellings, 6725-34 Brentwood Ave.; 2 stories, 15x40 ft., slag roofs, hot water heat; \$12,000; C. N. Johnson, Archt.; owner builds.

Md., Baltimore — Edw. G. Gibson, Munsey Bldg., erect \$18,000 residence and garage, 300 Kernway Rd.; 2 stories, 36x40 ft. and 10x21 ft., tin roofs, hot water heat; Bayard Turnbull, Archt., 328 N. Charles St.; Sheppard Bros., Contr., 223 Chancery Rd.

Md., Baltimore — Dr. Thos. C. Burger let contract for stone and stucco residence, Broxton Rd., to Thomas & Cross, 3220 Greenmount Ave.; 8 rooms, 2 baths; Cyril E. Hebrank, Archt., 3 E. Lexington St.

Md., Baltimore — Chester Green, Burns Ave., erect 4 frame dwellings, 6410-16 Burns Rd.;

2 stories, 15x42 ft., shingle roof, hot water heat; \$10,000; Wm. Eastman, Archt.; owner builds.

Md., Baltimore — John Evans erect \$10,000 residence and garage, 208 Goodale Rd.; 2½ stories, 37x28 ft. and 19x20 ft., slate roofs, vapor heat; Fredk. Thomas, Archt., 726 E. 33d St.; J. S. Downing, Contr., 2609 Greenmount Ave.

Md., Baltimore — Thos. J. Donohue, Bldr., Lexington Bldg., erect 22 brick dwellings, 2500 block Cecil Ave.; owner builds.

Md., Baltimore — Louis C. Wilds, Linwood and Rusk Aves., Mt. Washington, erect \$10,000 residence and garage, 4709 Springlake Way; 2½ stories, 40x36 ft. and 18x20 ft., slate roofs, hot water heat; Cyril H. Hebrank, Archt., 3 E. Lexington St.; H. R. Wilds, Contr., Mt. Washington.

Miss., Hazlehurst — Albert B. Guynes erect residence, Whitworth St., East Hazlehurst; contract let.

Miss., Humber — R. N. McWilliams erect \$16,000 English type residence; W. R. Ellis, Contr., Clarksdale.

Mo., Kirkwood, St. Louis — W. J. McCully, 4961 W. Pine St., St. Louis, erect 2 dwellings, Osage Hills; brick, 1½ stories, slate surface shingle roof, hot water heat; \$18,000; B. T. Nelson, Archt., Chem. Bldg., St. Louis; owner builds.

Mo., Moberly — A. Dewese has contract for 2 dwellings.

Mo., Sappington — Gill & Jackson, Archts., Buder Bldg., St. Louis, drawing plans for dwelling, Gravois Rd.; brick, 2 stories and basement, 43x26 ft., tile and oak floors, Vitrolite wainscoting for baths, slate roof, hot water heat; owner builds.

Mo., Springfield — E. M. West, 818 Holland Bldg., started work on \$10,000 brick veneer residence; 2 stories and basement, 32x40 ft., oak floors, stone trim, tile bath; O. L. Allen, Contr., 1840 N. Douglas Ave.

Mo., St. Louis — David L. Grey, 5763 Lindell Blvd., let contract to Dickie Construction Co., Louderman Bldg., to remodel residence; \$10,000; Jamieson & Spear, Archts., Arcade Bldg. 5-31

Mo., St. Louis — H. & T. Gaman, 3113 Lisamore St., erect brick dwelling, 4826 Carter Ave.; 1 story and basement, 24x43 ft., hardwood floors, stone foundation, asphalt shingle roof, hot air heat; Manske & Bartling, Archts., 410 N. Euclid Ave.; Schroeder & Greulich, Contrs., 3111 N. Grand Blvd.

Mo., St. Louis — L. Leonhardt, 4415 Fair Ave., erect 2 brick dwellings; 1½ stories and basement, 24x24 ft., conc. foundation, hardwood floors, comp. shingle roof, tile bath, hot air heat; Carl E. Etz, Archt., 417 Title Guar. Bldg.; owner builds.

Mo., St. Louis — M. Jaros, 4037 Nagel Ave., erect \$10,000 brick residence; 1 story and basement, 27x43 ft., hardwood floors, tile bath, asphalt shingle roof, hot air heat; F. Rauhut & Son, Contrs., 748A Dover Place.

Mo., St. Louis — Edgar Dilschneider, 5725 Chamberlain Ave., erect \$12,000 residence, Boland Drive; brick, 1½ stories and basement, 39x29 ft., hardwood floors, comp. roof, hot water heat; owner builds.

Mo., St. Louis — Geo. M. Shore, Watkins Drive, erecting \$100,000 residence, 5555 Lindell Blvd.; 3 baths; F. G. Avis, Archt., 1019 Big Bend Rd.; constr. under supervision of Harold E. Willson, Inc., 6330 Southwood St.

Mo., St. Louis — Bush Burns Realty Co., 1105 Chestnut St., erect 6 brick dwellings, 6300 block Windham St.; 1 story, 25x36 ft., comp. shingle roofs, hot air heat; \$15,000; E. W. Arbogast, Archt.; Arbogast Construction Co., Contr., both 6625 Delmar Ave.

Mo., St. Louis — Wm. Meyer & Son, 3913 Blair Ave., have contract for \$15,000 dwelling, Stanford Ave.; also for brick dwelling, Colgate Ave.; 2 and 1½ stories and basement, 37x38 ft. and 34x33 ft., rubble stone foundations, hardwood floors, tile baths, hot water heat; L. J. Graham, Archt., 488f Natural Bridge Ave.

Mo., St. Louis — John M. Wolff, Jr., 7730 Club Drive, remodel and enlarge residence; \$10,000; McDonald & Condie, Archts., Field Bldg.; work by sub-contract.

Mo., St. Louis — Chas. McLaughlin, Jr., 3715A Virginia Ave., erect \$13,000 residence, Windsor Place Park; brick, 1½ stories and basement, 29x43 ft., hardwood floors, tile baths, asphalt shingle roof, hot water heat; O. J. Popp, Archt., Arcade Bldg.; Wm. Boenecke, Contr., 59 Hillside Drive.

Mo., University City, St. Louis — Peterson Realty & Building Co., 6625 Delmar Ave., erect \$15,000 brick residence, 838 Pennsylvania Ave.; 2 stories and basement, 27x49 ft., tile bath, hardwood floors, tile roof, hot water heat; Edw. B. Kelley, Archt., 2912 Carson Rd.; owner builds.

Mo., University City, St. Louis — Wm. Glicker, 728 Yale Ave., erect \$15,000 residence, 7300 Princeton Ave.; brick, 2 stories and basement, 47x30 ft., vapor heat, tile bath, hardwood floors, tile roof; Edw. B. Kelley, Archt., 2912 Carson Rd.; owner builds.

Mo., University City, St. Louis — Wm. O. Lewis erect \$20,000 brick residence, 7370 Maryland Ave.; 2 stories and basement, 34x32 ft., tile roof and bath, hardwood floors, hot water heat; Byrd-Rhodes Construction Co., Contr., Chemical Bldg.

Mo., University City, St. Louis — Thos. H. Ryan, care T. P. Barnett Co., Archt., Arcade Bldg., erect brick and Haydite residence, Yale Ave.; 2 stories and basement, 24x40 ft., hardwood floors, asphalt shingle or slate roof.

Mo., University City, St. Louis — Chas. H. Osthoff, Jr., 4879 Kosuth St., let contract to Aug. Winkel & Son, 1810 Leffingwell St., for \$10,000 brick dwellings, 7309 Kingsbury Blvd.; 2 stories, 38.6x29.8 ft., slate roof, hot water heat; Wedemeyer & Nelson, Archts., Wainwright Bldg., St. Louis. 5-3

Mo., University City, St. Louis — Wm. O. Lewis, Clayton, erect \$10,000 brick residence and garage, 7370 Maryland Ave.; 2 stories, 28x34x32 ft., tile roof, hot water heat; Byrd-Rhodes Construction Co., Archt.-Contr., 427 Chemical Bldg.

Mo., University City, St. Louis — H. C. Sauer, 3436 Crittenden St., erect \$15,000 brick residence, 7344 Princeton Ave.; brick, 2 stories and basement, 28x36 ft., hardwood floors, tile roof and bath, hot water heat; owner builds.

Mo., University City, St. Louis — Roy P. Page, 1334 Waldron St., erect \$15,000 brick residence, 7341 Stanford Ave.; 1½ stories and basement, 28x36 ft., hardwood floors, tile roof and bath, hot water heat; owner builds.

Mo., Webster Groves, St. Louis — E. A. Elberman, 4201 Magnolia Ave., erect \$15,000 residence, 624 Locksley Ave.; brick, 2 stories and basement, 55x28 ft., hardwood floors, tile bath, slate roof, hot water heat; Edw. H. Beckemeier, Contr., Grand-St. Louis Bldg.

Mo., Webster Groves, St. Louis — Geo. W. Julos, 432 Tuxedo Blvd., erect \$15,000 residence, 230 Rosemont Ave.; brick and conc. block, 2 stories and basement, 35x55 ft., hardwood floors, tile bath, comp. roof; Frank A. Baumstark, Contr., 233 Ruby Ave., Kirkwood.

Mo., Webster Groves — Arsenal-Watson Co., 3358 N. Union Blvd., has contract for brick dwelling; 1½ stories and basement, 22x28 ft., hardwood floors, asphalt shingle roof, tile bath, hot water heat; Carl E. Etz, Archt., Title Guar. Bldg.

N. C., Charlotte — W. E. Colton, 614 E. Kingston Ave., erect \$15,000 residence, Ardley Rd.; brick and stucco, 8 rooms, 2 stories; Thies-Smith Realty Co., Contr., Coml. Bldg.

N. C., Raleigh — Mrs. G. O. Duke, 511 W. Morgan St., erect \$10,000 frame residence, Horne St.; J. M. Thompson, Contr., 400 Kinsey St.

N. C., Raleigh — Mrs. Chas. L. Greaves erect \$12,000 brick veneer residence, Clarks Ave.; John F. Danielson, Contr.

N. C., Raleigh — A. J. Dorsett erect \$10,000 brick veneer residence, 708 Glenwood St.; day labor.

N. C., Raleigh — Fitchett & Hall erect \$10,000 brick veneer dwelling, 1807 St. Mary's St.; owners build.

N. C., Raleigh — R. C. Maxwell, Citizens Bk. Bldg., erect \$14,500 brick veneer residence, 1204 Cowper Drive; day labor.

N. C., Raleigh — E. G. Evans, 504 Whitaker Mill Rd., erect \$10,000 stone veneer residence, St. Marys St.; owner builds.

N. C., Raleigh — R. B. Stephens, 1107 Wake Forest Rd., erect \$10,000 brick residence, Everett St.; owner builds.

N. C., Raleigh — H. L. Swain, Gilmer Bldg., has permit for \$40,000 brick veneer residence, Person St.

Okla., Oklahoma City — Ray Neel, 700 N. Hudson St., erecting \$12,000 English type residence, 843 E. 20th St.; Bonenberger Bros., Contrs., S. W. Natl. Bank Bldg.

Okla., Oklahoma City — Mrs. Daisy A. Baugus, 509 W. Eighth St., started work on \$10,000 residence, 2727 W. 12th St.; 10 rooms; Bonenberger Bros., Contrs., S. W. Natl. Bk. Bldg.

S. C., Aiken — John M. Dwyer, Grosse Pointe, Mich., let contract to H. B. Nelson Construction Co., Augusta, Ga., for \$50,000 Colonial frame residence; 2 stories and basement, comp. roof; Scroggs & Ewing, Archts., S. F. C. Bldg., Augusta. 4-5

S. C., Aiken — Jerome E. J. Keane, Grosse Pointe, Mich., let contract to H. B. Nelson

Construction Co., Augusta, Ga., for \$50,000 Colonial frame residence; 2 stories and basement; Scroggs & Ewing, Archts., S. F. C. Bldg., Augusta. 4-5

Tenn., Johnson City—F. L. Wallace let contract at \$12,500 to H. B. Krause for residence, E. Ninth Ave.; electric refrigerator, hardwood floors, asbestos shingle roof, mail chute. 5-31

Tenn., Memphis—Sam Jeffee, 1247 Park Ave., erecting 2 duplexes, 800 block Chelsea St.; brick veneer, 1 story and basement, 28x67 ft., oak floors, tile baths, comp. shingle roofs; \$10,000; owner builds. 5-31

Tenn., Memphis—Chas. Miller, 560 Suzette St., erect 13 duplexes, 770-820 Jay St.; wide siding, 1 story, 24x38 ft., pine floors, comp. roof; \$15,000; owner builds. 5-31

Tenn., Memphis—C. M. Halford, Derman Bldg., erect \$12,000 duplex, 1506 Tutwiler Ave.; brick veneer, 2 stories and basement, 32x64 ft., oak floors, tile bath, comp. shingle roof, hot water heat; W. C. Lester, Archt., Derman Bldg.; C. L. Hesselbin, Contr., 3466 Tutwiler. 5-31

Tex., Georgetown—J. C. McCollum started work on residence, S. Elm St.; A. C. Brady & Sons, Contrs. 5-31

Tex., Houston—Geo. H. Hoper, 6326 Washington St., erect 5 additional dwellings, Rosalie and Tyne Sts. 5-31

Tex., Houston—Chas. J. Koenig, 318 Hawthorne St., let contract at \$17,500 to Jas. A. Roberts, 833 Bank Mtg. Bldg., for brick veneer residence, 2943 Del Monte St.; 2 stories, 30x78 ft., oak floors, conc. foundation, asbestos roof; L. P. Josseland, Archt.-Engr., First Natl. Bank Bldg. 5-31

Tex., Houston—W. R. Fulton erect 3 brick veneer dwellings, 2402-20 and 2502 Arbor St.; 12 rooms, 2 baths; \$54,000; J. B. Anderson, Contr., Kirby St. 5-31

Tex., San Antonio—C. E. Barrett, 903 W. 26½ St., let contract at \$46,450 to J. F. Johnson, E. Third and Red River Sts., Austin, for residence, Pemberton Heights; brick veneer, conc. foundation, 1 and 2 stories and basement, tile floors, slate roof; Adams & Adams, Archts., Real Est. Bldg., San Antonio. 5-31

Government and State

Ark., Little Rock—Camp Pike Honorary Comsn. let contract to Chas. J. Schay, 2607 W. 14th St., for mess halls, Camp Pike; Thompson, Sanders & Gnocchio, Archts., Hall Bldg. 3-1

Ga., Fort Benning—Constructing Quartermaster, Lieut. W. M. Allison, let contract at \$29,977 to J. S. Schofield Sons Co., Boundary St., Macon, for 1,000,000-gal. steel water storage standpipe; conc. foundation, 50x70 ft., install valves, blow-off and connections with Post system. 4-26

Mo., Nevada—War Dept. let contract to Walter Kelly, El Dorado Springs, Mo., for canteen and Y. M. C. A. building, Camp Clark near Nevada; Black & Veatch, Archts., 7th floor Mutual Bldg.; engineering by Capt. Brown, both Kansas City. 2-2

N. C., Raleigh—North Carolina State Fair, P. O. Box 775, let contract at \$17,831 to Wilson Construction Co. for conc. grandstand; seat 3000; Atwood & Nash, Inc., Archts.-Engrs., Chapel Hill. 5-3

Hospitals, Sanitariums, Etc.

Ala., Birmingham—Jefferson County Bd. of Revenue let following equipment contract for \$500,000 Hillman Hospital nearing completion: Sterilizing, American Sterilizer Co., Erie, Pa., \$10,000; refrigerating system, Wittenmeier Machinery Co., 850 N. Spaulding Ave., Chicago, Ill., \$18,250; call system, clock and time stamp, Alabama Supply Co., 831 N. 20th St., Birmingham; laundry equipment, Troy Laundry Machinery Co., East Moline, Ill., \$17,605; refrigerators, Campbell Shirk, \$8182; kitchen equipment, Wimberly & Thomas Hardware Co., 2011 First Ave., Birmingham. 5-31

Kentucky—President signed second deficiency bill, including \$1,000,000 for proposed neuro-psychiatric hospital for U. S. Veterans Bureau, L. H. Tripp, Ch., Constr. Div., Arlington Bldg., Washington, D. C. 5-31

Mo., Kansas City—City let contract to John T. Neil & Son, 306 Rwy. Exch. Bldg., for \$285,000 General Hospital No. 2, for negroes, 22d St.; brick and rein. conc., terra cotta and stone trim, 6 stories, L shape, 92x128 ft.; Fred C. Gunn, Archt., Continental Bldg.; wiring and signals, Burkholder Electric Co., 6209 Oak St.; heating and plumbing, Reed Co., Karnes Bldg.; considering bids for 2 elevators. See Want Section—Building Material and Equipment. 5-31

Okl., Muskogee—Oklahoma Baptist Hospital, O. T. Graham, Chmn., Bd. of Directors,

let contract to Muskogee Construction Co., Manhattan Bldg., Muskogee, for \$150,000 addition; rein. conc. and brick, 3 stories, hollow tile, terra cotta; Albert Wood, Archt., 211 Woodward Ave., Detroit, Mich. 3-22

Hotels and Apartments

Fla., Jacksonville—Mrs. Mattie Pickard, Carling Hotel, erect \$20,000, 2-story, hollow tile and stucco apartment on Herschell St.; R. W. Woodall, Contr. 5-31

Fla., St. Petersburg—Julius Johnson, 4800 Third Ave., S., reported, has contract for \$150,000, 70x90 ft. hotel; Edgar Ferdon, Archt., Sumner Bldg. 5-10

Ga., Atlanta—Phillip Friedman, 329 Capitol Ave., S. W., erect \$18,000, 2-story and basement apartment, 297 Atlanta Ave., S. E.; cinder block, comp. roof, wood floors; owner builds. 5-31

Ga., Atlanta—Owner, care J. T. Barrs, 1047 Peachtree St., N. E., erect 2 and 3-story and basement apartment, Peachtree and 11th Sts.; 82x140 ft., brick, hollow tile and stucco; plans and construction by owner. 5-31

Ga., Atlanta—John K. Whisenant, 2055 Ponce de Leon Ave., considering erecting \$100,000, 3-story and basement, brick, 24-apartment, W. Peachtree and 13th Sts.; built-up roof, stone trim, hardwood, conc. and tile floors, steam heat. 5-31

Ga., Atlanta—Mrs. T. L. Thrower, 846 Ponce de Leon Ave., N. E., erect addition to 2-story, brick apartment; \$10,000, 40x80 ft., tile roof, steam heat, 6 units with 3 rooms and bath. 5-31

Ga., Atlanta—King Bailey Co., 1412 Healey Bldg., erect \$20,000, 2-story, brick veneer apartment, 807 Penn Ave., N. E.; 8 apartments, comp. roof, steam heat; owner builds. 5-31

Ga., Savannah—Davis-Wick-Rosengarten Co., 1406 G St., N. W., Washington, D. C., reported, has contract for \$1,500,000 Savannah Hotel on Bull St.; 11 stories and basement, 100x140 ft., 306 rooms, rein. conc., struct. steel, brick, stone, hollow tile, comp. roof, steam heat; E. W. Smyne, Archt., 1406 G St., N. W., Washington. 4-26

La., Bogalusa—Joseph Newman, Kentwood, soon start work \$40,000, 2-story, 80x158 ft., brick, stone trim, fireproof hotel on Alabama Ave.; owner builds; receiving bids on material and sub-contract work; H. J. Ryan, Archt., Summit, Miss. 5-17

La., Shreveport—Isaac Marks, Triangle Realty Co., started work on remodeling 3-story, 80x150-ft. building, Market and Travis Sts., for hotel; F. D. Welch, Contr., Strand Bldg.; Seymour Van Os, Archt., City Bank Bldg. 5-31

Miss., Jackson—Walthal Hotel Co. let contract at \$258,000 to Seaboard and Southern Construction Co., 101 Marietta Bldg., Atlanta, Ga., for 8-story, 200-room, rein. conc., steel frame, brick, terra cotta, fireproof hotel, E. Capitol St.; A. H. Alvis and Associates, lessees; terrazzo and tile floors, marble and granite work, steam heat, elevators, typhoon system of ventilating; N. W. Overstreet, Archt., Miss. Fire Insurance Bldg.; separate bids June 15 for plumbing, heating, electric wiring, ventilating and 3 electric elevators. 5-24

Mo., Joplin—Allis Building Co. completed basement of \$500,000 Connor Hotel annex; C. A. Dieter Construction Co., Contr., 223 W. Third St.; 9 stories, 41x120 and 60x50 ft., rein. conc., brick, stone and terra cotta trim, comp. asphalt roof, cement and terrazzo floors; Alonzo Gentry, Archt., March Bldg.; Cook & White, Engrs., Mutual Bldg., both Kansas City. See Want Section—Building Material and Equipment. 3-1

Mo., St. Louis—Jacob A. Rubin & Sons, Contrs., started work on two \$200,000, 30-family fireproof apartments on Waterman Ave., west of Kingshighway Blvd.; electric refrigeration, crystal lighting fixtures, concealed beds, incinerators; Stanley Epstein, Inc., Agent, both 904 Chestnut St. 5-31

Mo., St. Louis—May Building and Investment Co., 808 Chestnut St., erect \$45,000, 3-story, 52x111 ft., brick tenement, 5617 Clemens St.; comp. roof, steam heat; O. J. Popp, Archt., Arcade Bldg.; owner builds. 5-31

Mo., St. Louis—McKelvey-Carter Construction Co., Intl. Life Bldg., started work on \$145,000, fireproof, 25-apartment, Clara and Cates Aves., for Mrs. Grace E. Angel. 5-31

Mo., University City, St. Louis—H. Kaiser, 2601 Hord St., Jennings, erect \$14,000, 2-story, 48x68 ft., 4-family, brick apartment, 7365 Pershing Ave.; slate roof, hot water heat; F. J. Kolb, Archt., 3855 Shaw St.; owner builds. 5-31

N. C., Charlotte—C. A. Mullis, 1404 Pecan Ave., erect \$194,000, 3-story brick and limestone, 54-family apartment, Elizabeth Ave. and Fox St.; Goode Construction Co., Contr., 11 E. Fifth St. 5-31

S. C., Aiken—Anderson-Stiefel Construction Co. started work on improvements and additions to Willcox Hotel; \$75,000 to \$100,000; 3 stories, brick and frame, hardwood floors, asbestos shingle roof; Scroggs & Ewing, Archts., S. F. C. Bldg., Augusta, Ga. 5-31

Tenn., Knoxville—Tom C. Carson let contract to Schubert & Walden for \$30,000, 3-story and basement, brick and stucco, Italian type apartment, 614 W. Hill Ave. See Want Section—Building Material and Equipment. 5-31

Tenn., Knoxville—J. B. Reed of Reed Realty Co., Journal Arcade, soon start work on two 2-story, 36x54 ft., brick, 4-apartments on E. 5th Ave. 5-31

Tex., Abilene—Abilene Hotel Co., W. G. Swenson, Pres., let contract to R. E. McKee, 1918 Texas St., El Paso, for 2-story, 140x200 ft., brick, tile and rein. conc., east stone trim store and garage; plumbing and heating, R. G. Cogdell, electric, Moody Electric Co.; David S. Castle Co., Archt., 701 Alexander Bldg., Incorrectly noted at Tex., San Antonio. 5-31

Tex., Houston—W. D. Sherwood, Second Nat'l Bk. Bldg., erect \$90,000, 2-story, 75x120-ft. brick veneer, 36-apartment, San Jacinto and McIlhenny Sts.; overhead fans, Frigidaire; O. P. Steeger, Contr., West Bldg. 5-31

Tex., Houston—E. Wennerstein, 4313 Harrisburg Blvd., started work on \$20,000, 3-story brick veneer apartment. 5-31

Tex., Houston—E. F. Bartlett erect \$15,000, 2-story brick veneer apartment, 1431 Heights Blvd.; 36x52 ft., asbestos shingle roof; F. O. Meggison, Contr. 5-31

Tex., McAllen—S. H. Dietz erect 2-story, 117x48 ft., hollow tile and stucco, 12-apartment; wood and tile floors, cast stone; owner builds; George L. Walling, Archt., Austin. 5-31

Tex., San Antonio—Misses Arstein, 309 W. Poplar St., erect 2-story, 37x60 ft., frame, 4-apartment, 307 W. Poplar St.; Seutter & Simon, Archts., Builders Exchange Bldg. 5-31

Va., Norfolk—Dinwiddie Hall, Inc., erect \$90,000, 3-story, brick, 21-apartment, Dinwiddie St. and Hampton Blvd.; Blaine-Graham Construction Co., Contr. 5-31

Miscellaneous

Ga., Chicopee—Chicopee Mill, E. A. McCormick, let contract to Fiske-Carter Construction Co., Masonic Temple, Greenville, S. C., for \$30,000 gymnasium. 5-31

Tex., Corpus Christi—Corpus Christi Country Club let contract at \$28,000 to Woods Sherman for one-story, 207x57 ft., hollow tile and stucco, Spanish type clubhouse; Hamon & Co., Archts., City Natl. Bank Bldg. 3-15

Railway Stations, Sheds, Etc.

Ala., Mobile—L. W. Hancock, Contr., Louisville Trust Bldg., Louisville, Ky., started work on \$75,000, one-story, 36x114 ft., conc. and steel freight house for Alabama, Tennessee and Nashville R. R., W. Toxey, Ch. Engr.; conc. roof and floors; Hutchisson, Holmes & Hutchisson, Archts.-Engrs., Staples-Powell Bldg. See Want Section—Building Material and Equipment. 3-29

Schools

Ala., Fairfield—Bd. of Education let contract at \$106,345 to Thomas C. Brasfield, 5108 Gary Ave., for 2 and 3-story, 206x136 ft., brick and rein. conc. high school; wood floors, built-up roof; vapor heat, T. J. Reece, 309 Forty-fourth St.; electric, J. R. Boggs, 1814 Avenue E. Ensley; plumbing, Frank R. Heck Plumbing and Heating Co., 915 S. 18th St., Birmingham; Denham & Denham, Archts., 1220 Comer Bldg., Birmingham. See Want Section—Building Material and Equipment. 5-24

Ala., Montgomery—Woman's College, Dr. Walter G. Agnew, Pres., let contract at \$72,987 to Algernon Blair for first unit of 3-story, 112x44 ft., rein. conc., steel, brick and hollow tile Science Hall; built-up roof; Frank Lockwood, Archt., 119 Adams Ave. 5-17

Ala., Opelika—Lee County Bd. of Education, W. J. Fleming, Supt., let contract to Snellings Lumber Co., Phenix City, for brick schools at Salem and Smith's Station; to Daniel's Lumber Co., LaGrange, Ga., for school at Beulah; total \$93,000. 5-31

Ark., Beebe—Junior Agricultural College let contract to W. H. Abington for \$15,000, 2-story, brick dormitory for girls; J. Aubrey, Archt.; W. Richard Curzon, Asso. Archt., 227 Gazette Bldg., Little Rock. 5-10

Ark., Caraway—School Bd. let contract at \$23,000 to Hillhouse & Kizer, Smithville, for brick consolidated school; E. J. Wolpert, Archt., Jonesboro. 5-31

Ark., Fulton—School Bd. erect \$15,000 school to replace burned structure; Tom Wilmoth, Contr., Camden.

Fla., Bonifay—Holmes County Bd. of Public Instruction erect \$40,000 high school; 12 classrooms, auditorium, gymnasium; Gibson & Wells, Contrs.

Ga., Denton—Bd. of Education let contract to C. O. Smith & Co., Hazlehurst, for Denton-Crocker Consolidated School; \$15,000; 7 rooms and auditorium, brick veneer, comp. roof, wood floors; Wm. W. Simmons, Archt., Eastman. 5-17

Ga., Savannah—Bd. of Education let contract at \$55,777 to Artley Construction Co., 504 E. Bay St., for 2-story and basement brick school, Watters Ave.; slate roof; Levy & Clark, Archts., Blum Bldg.

Ky., Louisville—Bd. of Education, Samuel D. Jones, Bus. Dir., let contract at \$233,000 to Abe Bornstein, 1219 Logan St., for Colored Junior High School, Jackson and Breckenridge Sts.; heating and ventilating, \$11,333; plumbing, \$19,084, Redmon Heating Co., 124 N. Fourth St.; electrical work, \$8919, Marine Electric Co., Inc., 104 E. Market St.

Ky., Louisville—Southern Baptist Theological Seminary erect \$65,000 gymnasium; H. G. Whittenburg, Bldr.; J. Gamble Rogers, Archt., 154 E. 46th St., New York; E. W. Archer, Asso. Archt., Coleman Bldg.

Ky., Pikeville—Pikeville College, Dr. J. F. Record, Pres., completed excavation for \$100,000, 3-story and basement, 88x70 ft., rein. conc. and brick, fireproof dormitory, built-up roof, cement floors; E. E. Ramey, Contr., Ashland; metal doors, J. J. Weiler & Sons; C. C. & E. A. Weber, Archts., Ingalls Bldg., Cincinnati. 5-31

La., Sikes—Winn Parish School Bd., Winnfield, let contract at \$43,211 to Tudor & Ratcliff, Commercial Bank Bldg., Alexandria, for 2-story, rein. conc., brick, stone trim high school; built-up comp. roof, sheet metal, struct. steel and iron work; Herman J. Duncan, Archt., 120 Murray St., Alexandria. 5-10

Miss., Utica—Utica Consolidated School Dist., J. P. Carmichael, Pres., let contract at \$30,716 to Oden & Glenn, Hattiesburg, for one-story, 165x135 ft., rein. conc. and brick, stone trim school, and alterations and additions to present school; J. M. Spain, Archt., Millsaps Bldg., Jackson. 5-10

Mo., Columbia—Beta Theta Pi, University of Missouri, let contract to Stewart Brothers Construction Co., for \$35,000 addition to chapter house at 920 College Ave.; Study & Farrar, Archts., Arcade Bldg., St. Louis. 5-31

Mo., Maryville—Northwest Missouri State Teachers College let contract at \$17,100 to Rau Construction Co., 1815 Harrison St., for power plant improvements; 150-ft. smokestack, \$4238, to Terry, Cowan & Smith, Davidson Bldg., both Kansas City.

Mo., St. Louis—St. Michaels Parish, Rev. Geo. F. Hefferman, 2406 N. 11th St., erect \$58,000, 2-story, 56x120 ft., brick school, 2501 N. 11th St.; slate roof, steam heat; The Cornet Co., Bldr., 1626 Chemical Bldg.; O'Mara & Hills, Archts., Arcade Bldg. 5-31

Mo., University City, St. Louis—Rev. John J. Glennon, 4500 Lindell Blvd., has permit for \$25,000, 95x103 ft., stone and brick addition to Lady of Lourdes School; comp. roof; Gillespie & Daly, Contrs., 722 Chestnut St.; Wm. P. McMahon, Archt., 707 Market St.

Okla., Stillwater—Bd. of Education, Roy T. Hoke, Pres., let contract at \$19,000 to Tankersley Construction Co., Tradesmen's Natl. Bank Bldg., Oklahoma City, for 90x100 ft., Manual Training School; at \$26,925 to Cowan Bros., Shawnee, for 56x110 ft., Eugene Field School addition; both one-story, brick, comp. roof, conc. and wood floors, gas-steam heat; Philip Wilber, Archt.; also let contract at \$33,200 to Shirley & Rhodes, Cushing, for one-story, 90x90 ft., brick Home Economics Building; comp. roof, steam heat; J. I. Davis, Archt., First Natl. Bldg., Oklahoma City. 5-10

Okla., Stillwater—Sigma Nu Fraternity, Oklahoma Agricultural and Mechanical College, let contract at \$56,005 to Tankersley Construction Co., Tradesmen's Natl. Bank Bldg., Oklahoma City, for 2-story and basement, brick and stone fraternity house; F. W. Redlick, Archt., Tulsa. 5-3

Tenn., Bluff City—Sullivan County Bd. of Education, Blountsville, let contract to E. S. Glover, Blountsville, for one-story, 50x60-ft., brick veneer school at Mountain View near Bluff City; Geo. Mahan, State Archt., Nashville. 5-17

Tex., Abilene—Abilene Christian College let contract at \$73,950 to H. M. Seby for first unit of administration building; 3 stories, offices, 16 classrooms; also erect acad-

emy hall and auditorium, 2 fireproof dormitories.

Tex., Austin—State Bd. of Control, R. B. Walthall, Chmn., let contract at \$38,400 for 2-story, 34x134-ft. dormitory and at \$11,800 for 32x40-ft. employees' home addition at Austin State School to Al A. Mundt, 34th and Blanco Sts.; both buildings rein. conc., cement and tile floors, stone trim, comp. roofs, steam heat; H. F. Kuehne, Archt., 824 Littlefield Bldg. 5-24

Tex., Big Spring—Bd. of Education, E. O. Ellington, Pres., let contract at \$89,953 to F. A. Mote, 515 Construction Industries Bldg., Dallas, for 3-story, 124x58 ft., brick and rein. conc. high school addition; heating and plumbing, \$14,725, Roswell Heating and Plumbing Co.; terrazzo and wood floors; Trost & Trost, Archts., Two Republics Bldg., El Paso. 5-17

Tex., Cuero—School Bd., J. O. Dobbs, Pres., let contract to Clausen & Floyd, 525 Wilson Bldg., Dallas, for 2-story and basement, 190x62 ft. high school and one-story, 126x84 ft., elementary school; both brick, tile and rein. conc., east stone, conc. and wood floors; T. J. Galbraith, Archt., Slaughter Bldg.; M. C. Kleuser, Asso. Archts., Republic Bank Bldg., both Dallas. 5-24

Tex., Pasadena—Pasadena Ind. School Dist. let contract at \$72,586 to James M. L. West, Post-Dispatch Bldg., Houston, for auditorium, gymnasium and several classroom addition to high school, elementary school addition; heating, \$16,556, Warren Shivers, Inc.; John McLelland, Archt. 5-17

Tex., Sherman—Bd. of Education, R. G. Piner, Sec., let contract at \$85,867 to Wentzel & Wood for 2-story, 16-classroom, fireproof, Washington Elementary School; Mark Lemmon, Archt., 407 Construction Industries Bldg., Dallas; Clyce & Rolfe, Asso. Archts., 305 Commercial Bank Bldg. 5-10

Tex., San Antonio—Chalkley Bros., 1222 Navarro St., has plumbing and heating contract at \$32,265 for 12-classroom Junior High School and 19-classroom Elementary School in Alamo Heights, for which San Antonio Construction Co., 701-2 Builders Exchange Bldg., has general contract at \$241,000; electric, \$12,347, Graham & Collins, 306 W. Commerce St.; Harvey P. Smith, Archt., Natl. Bank of Commerce Bldg. 5-31

Va., Norfolk—School Bd., reported, let contract at \$151,000 to R. R. Richardson & Co., Natl. Bank Com. Bldg., for 16-room Lafayette School; Peebles & Ferguson, Archts., Law Bldg. 2-23

Stores

Ala., Montgomery—Frank Tennille Furniture Co., 109 Commerce St., erect \$60,000, 3-story, 150x51-ft. brick store on Bibb St.; A. C. Samford, Contr.; Frank Lockwood, Archt. 3-22

D. C., Washington—Julius Garfinckel & Co., F and 13th Sts., erect 8-story, 185x145-ft. store, 1421 F St., for William Ballantyne & Sons, 1409 F St., N. W.; Charles H. Tompkins Co., Contr., 1608 K St., N. W.; Starrett & Van Vleck, Archts., 393 Seventh Ave., New York. 5-31

Fla., Coconut Grove—Elphus Raybaine erect addition and alter building in Estrada Section; Lee Wade, Archt., Ponce de Leon Blvd., Coral Gables; G. A. Chapman, Contr., Exchange Bldg., Miami.

Fla., Eustis—M. G. Seamans let contract at \$15,000 to C. Z. Osborne, Inc., Umatilla, for 2-story, 34x125 ft., brick store to be occupied by Associated Five and Ten Cent Stores; wood floors, comp.; Alan J. MacDonough, Archt., Box 639. See Want Section—Building Material and Equipment. 5-24

Fla., Miami Beach—Mead Construction Co. started work on \$75,000, 100x75 ft., fireproof building, Lincoln Road and Jefferson Ave., to be occupied by Bonwit-Teller Co., New York, and Kay-Anne Shop; Russell Panchast, Archt., 1139 Lincoln Rd.

Fla., Tampa—Ritter-Setzer Lumber Co., 404 Franklin St., started work on \$20,000, 2-story, 40x90-ft. brick store and office on Twiggs St.

Ga., Atlanta—Real Estate Operatives, Inc., 58 Marietta St., repair brick building at 506-08 Stewart Ave., S. W., damaged by fire; \$15,000, tar and gravel roof; J. E. Oxford, Bldr., 418 Healey Bldg.

La., New Orleans—Virginia E. Williamson erect building, Fontainebleau Drive and Vincent St.; Hortman-Salmen Co., Inc., Contr., 3901 Carrollton St.

La., New Orleans—F. Rubenstein & Co., Inc., Harry Greenburg, 1101 Canal St., re-

model building, Canal and Rampart Sts.; \$10,000; Albert W. Drennan, Archt.-Bldr., 2245 Carondelet St. 5-31

La., New Orleans—Mrs. Alfred M. Jesse erect \$10,000 building on St. Ann St.; Hortman-Salmen Co., Inc., Contr., 3901 S. Carrollton Ave.

La., Shreveport—C. W. Lane, Giddens-Lane Bldg., let contract to R. G. Shisler, 2763 Fairfield Ave., for \$16,000, one-story brick store, 1074-82 Line Ave.; E. A. George, Archt., Giddens-Lane Bldg.

Md., Baltimore—Owners Construction Co., 2 E. Lexington St., has permit for 3-story store, 1735 E. Biddle St.

Miss., Jackson—Logan Phillips, 108 E. Captain St., let contract at \$10,858 to John Garrett for brick store addition; Claude H. Lindsley, Archt., Lamar Life Bldg.

Mo., St. Louis—F. R. Garland, 4522 Olive St., erect one and two-story, 20x155 ft., brick store and office, 4526 Olive St.; tar and gravel roof; W. C. Harting Construction Co., Contr., 722 Chestnut St.; Stanske & Bartling, Archts., 410 N. Euclid St.

Mo., St. Louis—Eastman Kodak Stores Co., Inc., 343 Slate St., Rochester, N. Y., has permit at \$53,000 for 4-story, 24x107 ft., brick store, 1009 Olive St.; comp. roof; Klipstein & Rathmann, Archts., Security Trust Bldg.; Gamble Construction Co., Contrs., 620 Chestnut St. 4-26

Mo., St. Louis—B. Mushlin, Buder Bldg., remodel 2-story, brick store and tenement, 3501-9 Easton St.; \$10,000; A. Eisin, Contr., 2820 Dickson St.; E. J. Giesler, Archt.

N. C., Greensboro—J. E. Latham Co., Jefferson Bldg., erect 2 or 3-story and basement, 51x113 ft. building on E. Market St. to be leased to Montgomery Ward & Co., Inc., Chicago; J. T. Hunt & Co., Contrs., 401 S. Edgeworth St.; Jos. J. Sawyer, Archt.

Okla., Ada—R. W. Simpson started work on \$10,000, brick store, E. Main St.

S. C., Spartanburg—Guy Harris erect \$40,000, 3-story and basement, 50x120 ft., brick store, E. Main and S. Converse Sts., to be leased by Montgomery Ward & Co., Chicago; 24,000 sq. ft. floor space, terra cotta trim; Goode Construction Co., Contr., 11 E. Fifth St., Charlotte, N. C.

Tex., Baytown—W. S. Reddell erecting \$17,500 brick store, Oak St. and Baytown-Goose Creek Highway; 3 stores, 25x60 ft.; J. J. Bailey, Contr., Houston.

Tex., Houston—Mrs. Henrietta Witt erect \$16,000, one-story, brick and hollow tile store, 1975-81 Welch Ave.; conc. floors, plate glass front, tar and gravel roof; L. C. Perry, Contr., 4628 Park Drive.

Tex., Houston—J. B. Townsend, Post-Dispatch Bldg., has contract to erect conc. tile building on Buffalo drive for Rein Company.

Tex., Houston—W. C. Hogg, 4410 Rossmoyne Blvd., erect 2-story brick and stucco building, Capitol and Fannin Sts.; Don Hall, Contr., Cotton Exch. Bldg.

Tex., Pecos—Weiland Construction Co., El Paso, has contract for \$50,000, 2-story, brick, tile and conc., fireproof Bozeman-Bryan Building.

Tex., Pharr—White Doster erect 2 brick and hollow tile stores; \$12,000; Telford & Rogers, Contrs., McAllen.

Tex., San Marcos—C. T. Bass & Son let contract to A. A. Zunker for remodeling store and office building.

Tex., Sherman—Williams-Eubank Grocery Co., A. L. Williams, Pres., started work on \$17,500, 90x220 ft., brick veneer store; suite of 6 offices, conc. vaults, packing room 30x70 ft., loading dock 14x70 ft., 8-truck garage; Morgan & Simmons, Contrs.; Clyce & Rolfe, Archts.

Theaters

Okla., Hobart—Mahone & James let contract to Stone & Johnston for \$75,000, 2-story, 50x133-ft. brick and tile theater; conc. floors; Leonard H. Bailey, Archt., Colcord Bldg., Oklahoma City. 5-31

Warehouses

Tex., Houston—I. R. Seward, 4000 Leeland Ave., let contract at \$59,940 to J. B. Townsend, Post-Dispatch Bldg., for one-story, 120x498-ft., rein. conc. cotton warehouse; Robt. J. Cummins, Consit. Engr., Bellaire. 5-31

Tex., Houston—St. Bernard Realty Co. started work on \$40,000, one-story, 152x250 ft., conc. and brick warehouse, Polk Ave. and Palmer St.; J. B. Dannebaum, Constr. Engr., Bankers Mtg. Bldg.; also \$25,000, 50x250 ft., conc. and brick warehouse, 2209 Lamar Ave.

WANT SECTION

THE CLASSIFICATIONS IN THIS SECTION ARE:

Machinery and Supplies	Building Materials and Equipment	Bids Asked
Under this heading are reported requests for data, prices and literature and information on machinery, supplies and miscellaneous materials of a wide variety.	This division comprises all classes and kinds of materials and equipment used in building and construction projects of every kind.	Includes bids asked by U. S. Government, States, districts, municipalities, firms and individuals for machinery, materials, supplies and construction work.
<i>Items in this department are published without charge and these columns are open for the publication of wants of all kinds relating to construction work, machinery, materials and supplies.</i>		

Machinery and Supplies

Broom Machinery and Supplies.—M. E. Oliff, Houston, Fla.—Wants to correspond with firms handling broom machinery and supplies, broom corn, etc.

Corliss Engine.—L. R. Camp, Engr., P. O. Box 529, Birmingham, Ala.—Wants Corliss engine 20 in. or 22 in. by 48 in., left-hand, Hamilton preferred, must be in first-class condition and available for prompt delivery.

Crane.—Best Electric Co., Inc., 1001 Magazine St., New Orleans, La.—Wants new or used 2 to 5 ton capacity crane, 26 or 27 ft. space.

Crane Ladle.—Day-Evans Iron Works, Inc., P. O. Box 1264, Knoxville, Tenn.—Wants used 16 to 18 ton geared crane ladle.

Cutting Dies.—American Gauze and Cotton Co., Cape Girardeau, Mo.—Wants dies to cut 6-in. diameter piece of cotton for milk strainers for dairy trade.

Dipper Dredge Machinery.—Dempster Equipment Co., Inc. (Mchy. Dealers), Geo. R. Dempster, Pres., Knoxville, Tenn.—Wants used 1½ yd. dipper dredge machinery, both with and without barge; give detailed description, location, price and terms to dealers.

Electric Motors.—Carolina Electrical Equipment Co., Raleigh, N. C.—Wants following electric motors, 3 phase, 60 cycle, 440 V., with or without base, pulleys and starters: 5 7½-h. p., 1200 R. P. M.; 7 10-h. p., 720 R. P. M.; 1 10-h. p., 900 R. P. M.; 1 20-h. p., 1200 R. P. M.; 1 30-h. p., 120 R. P. M., and 1 40-h. p., 90 R. P. M.

Gas Engine.—Shurtle Machine Co. (Mchy. Dealers), 359-69 Dublin Ave., Columbus, Ohio.—Wants one 175 to 225 h.p. gas engine of modern design.

Generator Set.—Shurtle Machine Co. (Mchy. Dealers), 359-69 Dublin Ave., Columbus, Ohio.—Wants 300 h.p. engine direct connected to 200 kw. 250-volt generator.

Lime and Lime-Fertilizer Machinery.—The Peoples Bank, Pulaski, Tenn.—Wants data and prices on machinery for manufacture high grade lime and lime fertilizer.

Planing Mill Machinery.—Chapman-Storm Lumber Corp., Inc., A. F. Storm, V.-Pres., Holly Hill, S. C.—Wants planer and matcher, 6x15, and other planing mill machinery.

Relaying Rails, Accessories and Ties.—Emmett S. Killebrew, Ch. Engr., Crisp County Power Comsn., 206½ Broad St., Albany, Ga.—wants the following: state price and delivery f. o. b. Warwick, Worth County, Ga., on all or any portion:

- (1) **Ties**—5000 all heart red cypress ties assorted as follows: 3000 No. 5, 1000 No. 4 and 1000 No. 3, A. C. L. Standard
- (2) **Relaying Rails**—20,000 ft. 60 lb. A. S. C. E. No. 1 first-class relaying rail, complete with necessary angles, bolts and spikes
- (3) **Switch**—complete, standard for above rails.

Steam Shovel.—Brown-Craven Equipment Co., 706 Manning St., Chattanooga, Tenn.—Wants steam shovel preferable Marion 1½ or 1½ yd., used equipment, give age, shop number, price, location and condition.

Steel Tank.—Chapman-Storm Lumber Corp., Inc., A. F. Storm, V.-Pres., Holly Hill, S. C.—Wants steel tank, not less than 25,000 gal. capacity.

Tanks.—The Kleenezy Corp., care of W. F. Sneed, Box 547, Lakeland, Fla.—Wants prices on small steel storage tanks in large quantities.

Woodworking Machinery.—Dupree & Strickland, H. C. Strickland, Angler, N. C.—Wants to correspond with manufacturers of machinery for making sash, doors, windows, etc., also with parties who may have second-hand machinery for sale.

O. A. Stewart, P. O. Box 184, Rockledge, Fla., developing marshy land for pond for water lilies and wants:

- (1) **Engine** (Gasoline or Steam)

- (2) **Pipe**—Iron
- (3) **Hose**—rubber
- (4) **Sand Pump.**

Edward Roney, P. O. Box 1193, Miami, Fla., is interested in a company about to begin manufacturing insecticides for household use and for horticultural purposes and wants:

- (1) **Cans**—in all sizes with sifter tops
- (2) **Containers**—for liquid insecticides
- (3) **Liquid Mixers**
- (4) **Mixing Machines**—for dry powders
- (5) **Shipping Containers.**

The Kleenezy Corp., care W. F. Sneed, Box 547, Lakeland, Fla.—Wants to contract for the manufacture of "Kleenezy Gun" in lots of 500 or more, made of cast steel, nickel plated, or of aluminum or galv. iron; will submit blue prints and specifications to machine shops and firms in a position to bid.

Crystal Springs Amusement Co., S. D. Lovett, Pres., Crystal Springs, Fla.—Wants prices on following:

- (1) **Hydraulic Ram**
- (2) **Water Power Plants**—small.

Best Electric Co., Inc., Leonce Bonecane, Sr., Sec., 1001 Magazine St., New Orleans, La.—Wants to correspond with various manufacturers who are open to representation in this territory and wants:

Insulating papers, insulating tapes, insulating cloths (treated), fibre, micabond, flexible mica, clean mica, wooden armature wedges, commutator stones, commutator undercutting files, commutator cement, insulating varnish, shellac, magnet wire, plate carbon, small carbon brushes and springs, pigtail wire and terminals, brush cement for pigtail wire, pigtail beads, lugs, terminals and connectors, repulsion motor brushes, flined steel banding wire, varnish cambric tubing, cotton sleeving, extra flexible (motor) lead wire, insulating glue, armature twine, portable electric blowers, portable electric undercutting machines, wire solder, smoldering paste, armature winders, hand tools, fuse testers, meggers (insulation testers), brush holders, compensator contracts, fused pliers or pullers, refillable fuses, non refillable fuses, oil and grease cups, coil taping machines, armature and coil winding equipment, meters and instruments, tachometers, fibre washers and tubing.

Valley Builders Supply Co., Inc., Polk and A Sts., P. O. Box 746, Harlingen, Tex.—Wants prices on following; motorized equipment preferred:

- (1) **Drum Sander**—3
- (2) **Glue Pot, Electric Automatic Heat Control**—2 qt. size
- (3) **Hollow Chisel Mortiser**
- (4) **Jointer**—12 in.
- (5) **Moulder**—8 in.
- (6) **Planer**—24x6
- (7) **Screen Table and Stretcher**
- (8) **Moulder**—8 in.
- (9) **Swing Saw.**

Miscellaneous

Filtering Equipment and Supplies.—Felix C. Williams, Mayor, Swainsboro, Ga.—Wants prices on chlorinator filtration and copper sulphate for swimming pool.

Lunch Room and Playground Equipment.—Crystal Springs Amusement Co., S. D. Lovett, Pres., Crystal Springs, Fla.—Wants prices on playground and lunchroom equipment for amusement park.

Press Cloth Machine.—Greenville Cotton Waste Co., G. R. Williams, P. O. Box 129, Greenville, S. C.—Wants to correspond with manufacturers who make machines for manufacturing press cloth that is used by laundries and pressing clubs; has customer that is interested in this.

Rubber Molds and Dyes.—Southwest Rubber Products, Inc., 1120 Ravina St., P. O. Box 931, Dallas, Tex.—Wants molds and dyes for press rubber goods plants.

Sign Pads.—W. A. Crawley, Universal Electrical Sign Co., Memphis, Tenn.—Wants to purchase large quantities of sign pads, 10 in. x 22 in., stamped so that letters may be

made by punching out the perforations; also wants data and prices on machines for stamping the sign pads.

Best Electric Co., Inc., 1001 Magazine St., New Orleans, La.—Wants prices on following:

- (1) **Burglar Alarm System**
- (2) **Fire Alarm System**
- (3) **Office Partitions**—railing and counter
- (4) **Shelving**—for merchandise and supplies
- (5) **Sprinkler System**
- (6) **Work Benches and Legs.**

Building Material and Equipment

A. M. Keller, Wilmet, Ark., wants prices on following for \$20,000 residence:

Electric Refrigerators
Flooring—hardwood, linoleum
Metal Doors
Plaster Board
Rolling Partitions
Roofing—asbestos shingle.

Maj. Turner E. Campe, Sec., Chamber of Commerce, Graham, Tex., interested in prices on following for \$80,000 civic auditorium:

Flooring—hardwood
Roofing—tile
Steel Sash and Trim
Wire Glass.

Denham & Denham, 1220 Comer Bldg., Birmingham, Ala., wants prices on following for \$165,000 high school, Fairfield:

Floors—terrazzo, tile
Limestone
Metal Doors
Roofing—built-up
Steel Sash and Trim
Tile—hollow
Vaults
Ventilators.

G. L. Whitaker, Contr., Hammond, La., wants prices on following for \$10,000 school, Mandeville, and \$65,000 theater, Hammond:

Blackboards (slate)
Floors—hardwood.

M. G. Seamans, Eustis, Fla., wants prices on following for \$15,000 store:

Sprinklers
Tile—hollow, interior.

Fred R. Comb Co., 2113 Chicago Ave., Minneapolis, Minn., estimating on post office, Canton, Ga., wants quotations until June 13 on cut stone, cast stone, granite, marble, iron and steel, sheet metal, slate roofing, interior tile, marble and slate, millwork, glass, finish hardware, electric wiring, plumbing and heating.

H. D. Mendenhall, Archt., Lakeland, Fla., wants prices on following for \$10,000 apartment:

Floors—hardwood
Plasterboard
Roofing—asbestos shingle.

Union Trust Co., Aristo Brizzolara, Jr., Vice Pres.-Cashier, Little Rock, Ark., wants to get in touch with companies furnishing bank equipment.

Thos. S. Maffitt, Archt., 510 N. Sycamore St., Palestine, Tex., wants prices on following for \$13,000 school at Neches, Tex.:

Metal ceilings
Rolling partitions
Roofing—built-up
Steel sash and trim.

L. T. Wright & Co., Contrs., Builders Exchange, San Antonio, Tex., wants prices on following for \$15,000 store for Isaac Bledsoe:

Cast Stone
Floors—hardwood, concrete
Roof—built-up
Tile—hollow concrete.

Edw. C. Minor, Archt., 1501 Hilton St., Baltimore, Md., wants prices on following for \$26,000 church:

Cast Stone
Roofing—slate.

Rev. J. E. Stuart, Pastor, First Christian Church, 201 E. Pleasant St., Butler, Mo., wants competitive bids on all materials for \$25,000 building.

L. W. Hancock, Contr., Louisville Trust Bldg., Louisville, Ky., wants prices on following for \$75,000 freight house, Mobile, Ala., for Alabama, Tennessee and Nashville R. R.:

Cast Stone
Rolling Partitions
Wire Glass.

E. E. Long, Cl., School Bd., Prague, Okla., wants prices on following for \$25,000 high school addition:

Blackboards
Domestic Science equipment
Incinerator
Seating—auditorium and classroom
Steel cabinets
Wire Glass.

E. M. Ratliff Co., Contr., Box 522, Fayetteville, Ark., wants prices on following for \$100,000 high school, Bentonville, Ark.:

Cast stone
Floors—hardwood, tile
Roof—tile
Terra cotta trim.

R. F. Ball Construction Co., Contr., 806 1/2 Taylor St., Fort Worth, Tex., wants prices on following for \$100,000 school at Midland, Tex.:

Floors—hardwood (maple), linoleum, tile.
C. A. Dieter Construction Co., Contr., 223 W. Third St., Joplin, Mo., wants prices on following for \$500,000 Connor Hotel Annex:
Mall Chutes.

August Kahler Construction Co., 2515 Izard St., Little Rock, Ark., wants prices on following for \$35,000 apartment:

Electric Refrigerators
Mall Chutes
Roofing Tile
Steel Sash and Trim
Ventilators.

Crystal Springs Amusement Co., S. D. Lovett, Pres., Crystal Springs, Fla., wants price on following for developing amusement park:

Flooring—for dance hall.

Maurice E. Kressly, Archt., Smith Bldg., Orlando, Fla., wants prices on following for \$100,000 school:

Cast stone
Floors—hardwood, terrazzo, composition
Roof (Flat and Hip)—built-up, tile
Steel sash
Tile—gypsum, hollow, interior
Ventilators.

Thos. C. Carson, Knoxville, Tenn., wants prices on following for \$38,000 apartment:

Cast Stone
Electric Refrigerators
Floors—hardwood, tile
Limestone
Roof—built-up
Tile—hollow
Ventilators
Wire Glass
Brass and Bronze Work.

Vinson B. Smith, Jr., Archt., Gulfport, Miss., wants prices on following for buildings at Industrial and Training School, Columbia, \$175,000:

Cast Stone
Elevators
Floors—terrazzo, tile
Roof (Hip)—tile
Steel Sash and Trim
Tile—gypsum, hollow
Ventilators
Wire Glass.

Vinson B. Smith, Jr., Archt., Gulfport, Miss., wants prices on following for buildings at State Teachers College, Hattiesburg, \$470,000:

Cast Stone
Electric Refrigerators
Elevators
Floors—hardwood, tile
Marble
Metal Ceilings
Rolling Partitions
Roof—slate
Steel Sash and Trim
Tile—gypsum, hollow
Vaults
Vault Lights
Ventilators
Wire Glass.

Hugh E. White, Archt., 509 Commr. Bank Bldg., Gastonia, N. C., wants prices on following for \$70,000 church, Shelby, N. C.:

Cast Stone
Flooring—hardwood, linoleum, tile
Limestone
Metal Doors
Roofing—built-up, slate
Steel Sash and Trim
Tile—hollow.

Re. J. D. McWhorter, Pastor, Methodist Church, Sterling City, Tex., wants prices on following for \$12,000 church:

Heating Plant
Pews.

O. T. Hennessee, 683 Juniper St., Atlanta, Ga., wants prices on following for \$25,000 apartment:

Electric Refrigerators
Floors—hardwood, linoleum, terrazzo, tile
Incinerator
Limestone
Mail Boxes
Roof—asbestos and asphalt shingle, tile
Brass and Bronze Work.

Julian E. Stuart, 201 E. Pleasant St., Butler, Mo., wants prices on following for \$22,500 church:

Cast Stone
Flooring—hardwood
Plaster Board
Rolling Partitions
Roofing—asbestos shingle, asphalt shingle, slate, tile.

Fred C. Gunn, Archt., Continental Bldg., Kansas City, Mo., wants prices on following for \$242,000 general hospital:

Flooring—terrazzo, tile
Limestone
Marble
Metal Doors and Partitions
Rolling Partitions
Steel Trim
Tile—interior
Terra Cotta Trim
Ventilators
Wire Glass.

Bids Asked

Aerial Photography.—U. S. Engr. Office, Nashville, Tenn.—Bids June 11 for making aerial photographic survey of Cumberland River basin.

Air Conditioning System.—Archt. of Capitol, Washington, D. C.—Bids June 20 for ventilation and air conditioning of hall of House of Representatives.

Athletic Supplies.—Pur. and Contr. Officer, Fort Howard, Md.—Bids June 11 for tennis balls, baseballs, baseball bats, javelin, vaulting poles, hurdles, tape steel rod, etc.

Brushes.—Pur. Agt., P. O. Dept., Washington, D. C.—Bids June 11 for 300 varnish brushes and 200 flowing brushes; 500 18-in. spoke brushes and 1100 paint brushes.

Cement.—Dist. Commrs., Washington, D. C.—Bids June 18 for cement as required during fiscal year 1929.

Crescoted Lumber.—Galveston County, John M. Murch, Auditor, Galveston, Tex.—Bids June 12 for one carload crescoted lumber, consisting of 15,340 ft. B. M., f. o. b. Dickinson.

Drafting Room Supplies.—Director of Purchase and Sales, Dept. of Agriculture, Washington, D. C.—Bids June 12 for steel tapes, crayon, cross section paper, tracing cloth, plumb bobs, pens edges, etc.

Dredging.—U. S. Engr. Office, Savannah, Ga.—Bids June 25 for dredging in 21-ft. channel extension, Savannah Harbor.

Dredging.—U. S. Engr. Office, Savannah, Ga.—Bids June 25 for dredging about 95,433 cu. yds. hard material and 187,287 cu. yds. of soft material.

Dredging.—Town of Mandeville, A. E. Manint, Mayor, Mandeville, La.—Bids June 13 for dredging of channel into Bayou Castaing, about 10,000 cu. yds.; plans from J. F. Coleman Engineering Co., 228 Hibernia Bldg., New Orleans, La.

Embankment.—State of Arkansas. See Roads, Streets, Paving.

Electrical Supplies.—Contracting Officer, Q. M. Corps, Ft. Benning, Ga.—Bids June 15 for bushings, boxes, conduits, condulets, box covers, porcelain covers, wire lamp cord, etc.

Fans and Light Fixtures.—Edw. F. Nield, Archt., Shreveport, La.—Bids June 12 for fans and light fixtures for Fair Park High School.

Fire Equipment.—Marine Corps, Quartermaster's Dept., Washington, D. C.—Bids June 12 for fire equipment, for delivery to Quantico, Va.

Forage.—Marine Corps, Quartermaster's Dept., Washington, D. C.—Bids June 14 for furnishing forage.

Gasoline, Oils, Greases, etc.—Louisiana Highway Comm., Reymond Bldg., Baton Rouge, La.—Bids June 15 for 1,500,000 gal. motor gasoline, 50,000 gal. motor lubricating oils, 75,000 lbs. axle gear and transmission greases for year from June 15, 1928, to June 15, 1929.

Gasoline Shovel, etc.—Supt. of Prisons, Dept. of Justice, Washington, D. C.—Bids June 11 for gasoline powered shovel and extra boom, approximately 40 ft. two-way block and fall to convert shovel into crane.

Gas Plant.—City of Hickory, N. C., H. L. Yoder, City Mgr.—Bids until July 20 for franchise for establishment and operation of gas plant.

Grading.—Washington, D. C. See Construction News—Roads, Streets, Paving.

Hose.—Pur. Agt., P. O. Dept., Washington, D. C.—Bids June 11 for 100 sections 3/4 in. water hose.

Metal Shed.—Director of Purchase and Sales, Dept. of Agriculture, Washington, D. C.—Bids June 12 for knockdown metal shed.

Miscellaneous Supplies.—A. L. Flint, Gen. Pur. Officer, Panama Canal, Washington, D. C.—Bids June 19 for following; Sch. 1881: Steel, wire, shovels, pipe, paints, bituminous solution, tar, kerosene, transformer oil, micrometers, glue, drill rods, chisels, files, staybolt taps, hammers, steel tapes, etc.

Miscellaneous Supplies.—A. L. Flint, Gen. Pur. Officer, Panama Canal, Washington, D. C.—Bids June 11 for following; Sch. 1880:

Steel, copper tubing, brass and lead pipe, copper wire, Stillson wrenches, cup grease, wood boring machines, air compressors, switch ties, culvert bulkheads, paint, cotton rope, levels, etc.

Mudshell.—Galveston County, John M. Murch, Auditor, Galveston, Tex.—Bids July 3 for 20,000 tons mudshell; price f. o. b. cars or chute, Galveston, including state tax.

Oxygen and Acetylene.—Depot Quartermaster, Marine Barracks, Quantico, Va.—Bids June 27 for acetylene gas for lighting and welding purposes and oxygen for welding purposes as required during period July 1 to Dec. 31, 1928.

Paving Block.—Dist. Commrs., Washington, D. C.—Bids June 18 for repressed vitrified paving block as required during fiscal year 1929.

Paving.—Muskogee, Okla. See Construction News—Roads, Streets, Paving.

Paving.—Galveston, Tex. See Construction News—Roads, Streets, Paving.

Paving.—Cumberland, Md. See Construction News—Roads, Streets, Paving.

Paving, etc.—Asheville, N. C. See Construction News—Roads, Streets, Paving.

Pipe (Cast Iron).—See Water Supply System.

Pipe (Cast Iron).—See Water Works.

Pipe (Terra Cotta).—See Sewers.

Pipe (Concrete).—See Sewers.

Pumping Station.—See Sewers.

Revetment.—U. S. Engr. Office, 911 McCall Bldg., Memphis, Tenn.—Bids June 15 for bank revetment in Arkansas River at Pine Bluff, Ark.; approximately 1385 cords of brush and 2300 cu. yds. of stone will be required.

Roadwork.—Construction Quartermaster, Ft. Lewis, Washington, D. C.—Bids June 19 to construct roads, walks, drainage at Ft. Lewis.

Roads.—State of Maryland—Bids for 5 roads. See Construction News—Roads, Streets, Paving.

Roads.—State of Virginia. Bids for 3 roads. See Construction News—Roads, Streets, Paving.

Roads.—State of Arkansas—Bids for 7 roads. See Construction News—Roads, Streets, Paving.

Road.—Swainsboro, Ga. See Construction News—Roads, Streets, Paving.

Roads.—Brownsville, Tex.—Bids for 13 roads. See Construction News—Roads, Streets, Paving.

School Furniture.—School Bd. of Trustees, Natchez, Miss.—Bids June 14 for school furniture and equipment.

School Furniture and Equipment.—Office of Business Director of Bd. of Education, Administration Bldg., Eighth and Chestnut Sts., Louisville, Ky.—Bids June 15 for furniture, manual training, domestic science, cafeteria, laboratory, printing and bookbinding and gymnasium equipment, maps, gloves, pianos, typewriters and stage curtains for Southern Junior High School; wire fencing.

Sewers.—City of Baton Rouge, La.—Bids June 26 for sanitary sewer work, including: Contract A—1300 ft. 36-in. c. l. pipe combined gravity and force main; 3348 ft. 36 in. c. l. conc. or terra cotta pipe trunk sewer from 8 to 30 ft. in depth; sewage pumping station exclusive of pumping equipment; Contract B—two 2500 g. p. m. sewage pumping units and auxiliary equipment; Contract C—2950 ft. of 8, 12 and 18-in. conc. or terra cotta pipe intercepting sewers; L. J. Voorhies, Consult. Engr.

Sewers.—City of Montgomery, Ala., J. L. Cobb, Treas.—Bids June 12 for sanitary sewer on Mulberry St.; 600 ft. 8-in. sewer pipe; J. M. Garrett, City Engr.

Sewers.—Constructing Quartermaster, Ft. Bragg, N. C.—Bids June 18 for terra cotta branch sewer lines with house connections for new barracks and quarters; work includes 3223 ft. 8-in., 1450 ft. of 6-in. terra cotta pipe and 11 manholes.

Steel Hangars.—Office of Constructing Quartermaster, Fort Monroe, Va.—Bids June 16 for furnishing labor, equipment and material for constructing 2 standard steel hangars at Langley Field, Va.

Steel Locker Equipment and Shelving.—School Bd., Asheville, N. C.—Bids June 12 for steel locker equipment and steel shelving for Asheville High School.

Steel Storage Tank.—See Water Works.

Street.—Hinton, W. Va. See Construction News—Roads, Streets, Paving.

Street.—Aberdeen, Miss. See Construction News—Roads, Streets, Paving.

Street.—St. Louis, Mo. See Construction News—Roads, Streets, Paving.

Streets.—St. Louis, Mo. See Construction News—Roads, Streets, Paving.

Street.—San Antonio, Tex. See Construction News—Roads, Streets, Paving.

Street.—Huntsboro, Ala. See Construction News—Roads, Streets, Paving.

Street.—Baltimore, Md. See Construction News—Roads, Streets, Paving.

Street.—De Quincy, La. See Construction News—Roads, Streets, Paving.

Tank Trucks.—Pur. and Contr. Officer, Holabird Q. M. Depot, Baltimore, Md.—Bids June 11 for 17 180-gal. tank trucks for transporting gasoline.

Tank and Tower.—See Water Works.

Tank and Tower.—See Water Supply System.

Textiles.—Q. M. Depot, 21st St. and Oregon Ave., Philadelphia, Pa.—Bids June 13 for 42,836 yds. slesia cloth, 36-in., and 41,907 yds. 32-in. cotton cloth.

Truck Bolsters and Side Frames.—Norfolk and Western Ry. Co., Clyde Cock, Pur. Agt., Room No. 351, N. & W. Bldg., Roanoke, Va.—Bids June 13 for 100 cast steel truck bolsters, Contr. Serial AA-526; 200 cast steel side frame, Contr. Serial AA-526.

Tractors and Culverts.—DeWitt County Commrs. Court, Cuero, Tex.—Bids June 12 for one or more 10 ton tractors, fully equipped, to be used in road building; one carload of culverts, various sizes, for drainage purposes.

Water Supply System.—City of Vass, N. C., W. Duncan Matthews, Mayor.—Bids June 12 for construction of water supply system, 4000 ft. 8-in., 7500 ft. of 6-in., and 6000 ft. of 2-in. c. i. pipe; 100,000 gal. tank on 100 ft. steel tower; deep well pump house; The Carolina Engineering Co., Engrs., 917 Johnston Bldg., Charlotte; G. R. Bishop, Const. Engrs.

New Refinery in Texas Panhandle.

The Phillips Petroleum Company's new refinery, three miles north of Borger in the Texas panhandle, started operations March 15, and due to the heavy demand for its products is already exceeding its rated capacity of 7500 barrels of crude oil daily. The plant was designed and built to Phillips plans and specifications and is very compact. Economy of operation is indicated by the fact that only 15 or 20 men are required for all purposes during the day. Equipment includes tube stills and fluor redwood cooling towers, with sterling cast-iron sections. The products of the plant include "Phillips 66," a new motor fuel of high volatility, which is being marketed through the company's filling stations and through jobbers. The company reports that some of its own filling stations average more than 1000 gallons daily of this fuel, and that other products include a regular 60-62 gasoline and a fuel oil which in spite of a cold test of higher than 55 degrees is being used without difficulty by several railroads in locomotives. Refining and retail distribution are new fields for Phillips petroleum, the company heretofore having limited its activities to production and wholesale distribution through pipe lines. Before undertaking the refining of Panhandle crude oil the company carried out an extensive research campaign to determine the value of its various products and the best methods of segregating them. Strong claims are made for the quality of "Phillips 66" gasoline. The new refinery was designed by M. P. Youker, who is now in charge of its operation.

INDUSTRIAL NEWS OF INTEREST

Items of news about industrial, railroad or financial interests, building operations, construction work, municipal improvements, or the sale of machinery or the letting of contracts in the South or Southwest, are invited from our readers, whether they are advertisers, or subscribers, or not. We invite information of this character from readers in the North and West about their Southern business operations, as well as from Southern readers. News of value will be published just as readily when from non-advertisers as from advertisers.

Mundy Equipment Distributors.

The Mundy Sales Corporation, New York, distributors for the J. S. Mundy Hoisting Engine Company, announces the appointment of the following exclusive distributors for the Mundy line of hoisting equipment, the Dobbie line of steel and rotating derricks and hammerhead and gantry cranes and the Schofield-Burkett excavator: E. F. Craven Company, Greensboro, N. C., eastern North Carolina; Lone Star Road Machinery Company, Dallas, Texas, northeastern Texas; R. P. Sweeney Company, Greenville, S. C., South Carolina; Nixon-Hasselle Company, Chattanooga, Tenn., eastern Tennessee.

Sanford B. Belden.

Sanford B. Belden, vice-president of the Jeffrey Manufacturing Company, Columbus, Ohio, died recently in New York city a day after his arrival on a business trip, apparently enjoying excellent health. Mr. Belden joined the Jeffrey organization in 1896, and in 1927 took a vice-presidency and directorship in the Jeffrey Manufacturing Company and was made chairman of the board of the British Jeffrey-Diamond, Ltd., the Jeffrey plant at Wakefield, England.

New Men in Steel Offices.

The resignation of William H. Page, in charge of the bureau of public relations of the American Institute of Steel Construction, Inc., has been accepted and V. Gilmore Iden has been appointed. Also, the resignation of A. T. North, in charge of the bureau of architectural relations, has been accepted and a new engineering service bureau has been organized in charge of F. H. Frankland, with the title of service engineer.

Mortgage Company Official Resigns.

Hugh F. Dickson has resigned from the vice-presidency of Peery & Co., Inc., New York city. President R. W. Peery states that Mr. Dickson's resignation was effective May 1.

Reactor Claims World's Record.

The world's record for a reactor from the point of view of size and electrical capacity is claimed for a neutral grounding reactor rated 80,000 kv-a on a four-minute basis. It is being built by the General Electric Company at Pittsfield, Mass., for installation at the Westport station of the Consolidated Gas, Electric Light and Power Company of Baltimore, Md. It stands over nine feet high and weighs eight tons, is of standard cast-in concrete design and is supported on eight extra-heavy porcelain insulators. Another giant reactor is the iron core type unit recently installed at the Amite (La.) substation of the Louisiana Power Company for neutralizing part of the charging current on its 240-mile 110-kv. transmission line. This reactor is connected directly across the secondary bus, and when operating at 24,000 volts draws a current of 109 amperes. It is said to be the largest for this class of service ever built.

Wide-Flanged Structural Shapes.

Bethlehem Steel Company has added to its line of wide-flanged structural shapes a series of 33-inch beams and girders. The beams are available in four weights, ranging from 125 to 152 pounds per foot, and with section moduli, respectively, of from 394.3 to 478.4. The girders also are being rolled in four weights, of from 202 to 230 pounds per foot, and with section moduli, respectively, of from 676.0 to 778.0. These sections are designed to afford the maximum strength per pound of metal and have the same contour as other Bethlehem sections. A catalog has been prepared containing descriptive data and giving safe loads and other engineering data.

Florida East Coast Figures.

In its report for 1927 the Florida East Coast Railway Company shows railway operating revenues of \$17,859,635 and net railway operating income of \$592,204. The company operated a total of 858.11 miles, with passenger revenue of \$6,133,229 and freight revenue of \$10,865,688.

Fulton Iron Works Expands.

The Fulton Iron Works Company, St. Louis, Mo., has purchased the Foos Engine Company of Springfield, Ohio, manufacturer of Diesel engines of 60 to 300 horsepower, and will operate the Springfield plant as a branch. This consolidation will give the Fulton Iron Works Company a complete line of Diesel engines ranging from 60 to 2000 horsepower and will add a line of gas engines to the Fulton products. Harry J. Steinbreder is president of the Fulton concern.

Kansas City Southern Report.

Net revenue of \$7,284,114 from railway operations and net railway operating income of \$4,768,019 are shown in the report of the Kansas City Southern Railway Company for 1927, while \$833,574 was spent for betterments. Under the company's group insurance system \$172,873 was paid to beneficiaries. The credit balance carried forward was \$15,839,999, compared with \$14,877,149 for the previous year.

Timken Roller Bearing Orders.

Announcement has been made by the Timken Roller Bearing Company, Canton, Ohio, of recent repeat orders from the Chicago, Milwaukee, St. Paul and Pacific Railroad for 24 cars, to be equipped with Timken bearings. The car types include baggage, Pullman, club and diners, raising the number of Timken-equipped cars on that road to 171, of which 72 will be Pullmans.

Oil-Electric Locomotive Ordered.

The Ashland division of the American Rolling Mill Company have ordered three 300-horsepower oil-electric locomotives to be built jointly by the Ingersoll-Rand Company, General Electric Company and American Locomotive Company.

LOUISIANA SUGAR INDUSTRY REVIVING. Contracts for Big New Mill Let—Other Mills Being Improved—Work Under Way on Florida Project.

Houma, La.—The H. C. Minor estate has awarded contract to the Fulton Iron Works Company, St. Louis, for the installation of a modern sugar mill on the Southdown plantation near this city, to have a grinding capacity of 2000 tons of cane in 24 hours. Equipment will consist of a 12-roller mill with double crusher, with two 30 by 60-inch Fulton Corliss heavy duty engines, cane carriers, intermediate carriers and other milling equipment. The Fulton company will also furnish a vacuum pan, 12 feet in diameter of the Calandria type, condenser of sufficient capacity for serving this pan and necessary piping.

In addition to the Southdown installation, the Fulton Iron Works Company is installing a single crusher and driving engine at the Laurel Grove factory and a double crusher and driving engine at the Billeaud sugar factory.

Restoration of the Louisiana sugar industry to its former favorable condition is indicated by the construction activity above reported. The revival of the industry is the result of the development of important varieties of sugar cane that have showed immunity to diseases, used extensively in commercial acreages both in this State and in Florida, and in other sections where cane is grown. For the most part such varieties have been propagated from what is known as the "P.O.J." type of cane, which is a designation from the initials of the earlier name of a planters' experimental station of Java, and original cuttings were brought to America from Java.

In addition to making possible the erection of the big new mill on the Minor property and the enlargement of several Louisiana mills, the development of the new cane has prompted construction of a new mill for the Southern Sugar Corporation at Clewiston, Fla., to grind initially 1500 tons daily of cane grown in the Everglades.

Contract for \$6,500,000 Paper Mill.

Tuscaloosa, Ala.—The E-Z Opener Bag Company, New Orleans, La., which plans to build a paper and bag mill here to cost ultimately \$6,500,000, awarded contract to C. A. D. Bayley & Company, New Orleans, the buildings to be under roof by September. Contract for 2500 tons of structural steel shapes has been awarded to the Ingalls Iron Works Company, Birmingham. The plant will be erected in three units of three stories, varying in width from 100 to 270 feet. A chemical plant will also be included. Construction will consist of concrete footings, brick walls, composition roofing, cement floors and structural steel work. It is estimated that the work will require 450 cars of sand and gravel, 100 cars of lumber, 60 cars of cement and 65 cars of steel. William E. Spink, New Orleans, is the engineer.

Increased Production of Fuller's Earth in 1927.

The fuller's earth sold or used by producers in the United States in 1927 amounted to 264,478 short tons, valued at \$3,767,038, according to the Bureau of Mines. This is an increase of 13 per cent in quantity and 12 in value compared with 1926. Every important producing State except Illinois and Texas showed an increase. The output was reported by 16 operators in 7 States in 1927: Arizona, Florida, Georgia, Illinois, Massachusetts, Nevada, and Texas. Georgia was the leading State, with Florida second and Nevada third, these three States producing 79 per cent of the total output.

Fuller's earth is a term used to include a variety of natural

substances that possess the property of absorbing grease or clarifying, bleaching, or filtering oil. They are mostly clay-like substances, though recently discovered material in the West, which is of different character, is said to be superior to the eastern fuller's earth. The original use of fuller's earth was in the fulling of cloth, but now it is used almost exclusively in the bleaching or filtering of vegetable and mineral oils.

Houston Votes \$4,000,000 School Bonds.

Houston, Tex.—Voters of Houston have approved a \$4,000,000 bond issue for school improvements and an increase of 7 cents in the maintenance tax to raise teachers' salaries. Funds from the bond issue will be used to erect new buildings, pay for sites and equipment and for improvements.

Florida Sugar Mill Under Way.

Clewiston, Fla.—The Southern Sugar Company has appointed P. A. Poche general supervisor of construction and operation of the new sugar mill it is building here, according to William G. Ames, consulting engineer of the company. This is the first step in perfecting an organization for operations. Mr. Poche has been associated with the sugar industry for the past 30 years.

Plan Company-Owned Transmission Lines to Individual Farms.

One of the last barriers in the way of rural electrification has been passed with the announcement by leading public service companies of Illinois, which cover 70 per cent of the state, that they will build to individual farms at their own expense transmission lines not exceeding \$450 in cost. While this announcement affects Illinois only, the example will probably influence public utility companies in other states. It will mean that the \$450 formerly spent by the farmer to bring the current to his farm will now be available for buying motors and other equipment such as water systems, feed grinders, milking machines and similar time and labor saving equipment which invariably follows close in the wake of rural electrification.

Under the new company-owned transmission line plan it requires no great stretch of the imagination to picture a steady radiation of rural electric lines in all directions from towns, cities and existing high tension lines.

\$6,507,000 for Expansion of Baltimore Water System.

A tentative program has been adopted by the Public Improvement Commission, Baltimore, which will involve the expenditure of \$6,507,000 of the new \$10,000,000 water loan voted last spring for the expansion and improvement of the city's water system. Immediate allotments for the following work have been recommended: Mount Royal-Vernon pumping station, \$625,000; small extension mains, \$1,750,000; main from city line to Stevenson Lane, \$132,000; Stevenson lane main from York road to Towson reservoir, \$200,000; Northern Parkway main, Hillen road to Glenmore avenue, \$126,000; removal of pump from Druid Hill Park to Ashburton, \$150,000; Belvedere avenue main, Park Heights avenue to Roland avenue, \$234,000; Hanlon Park main, Ashburton pumping station to Liberty Heights avenue, \$50,000; mains in Oxford avenue from Liberty Heights avenue to Cooks lane, via proposed boulevard and Forest avenue, \$168,000; mains in old Frederick road, Harlem lane, Edmondson avenue and Melvin avenue, city line to Melvin avenue reservoir, \$150,000; feeder main from Montebello filtration plant to Druid Lake, \$1,000,000, and Curtis Bay reservoir and pump, in addition to allotments already made, \$70,000.

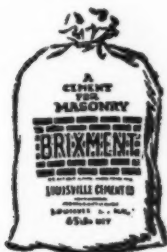
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FINANCIAL NEWS

Bond Issues Proposed

Ark., Fayetteville—City Council considering \$270,000 bond election: \$170,000, city hall and auditorium; \$25,000, city hospital; \$17,500, airport; \$7500, natural amphitheatre.

Fla., Bartow—Bd. of Public Instruction, Don Register, Chmn., receives bids June 26 for \$12,000 6% Special Tax School Dist. 12 bonds.

Fla., Bonifay—Water, Sewer—City, K. D. Rooks, Clk., rejected bids for \$50,000 bond issue. 5-3

Fla., Kathleen—School—City voted \$12,000 bonds.

Fla., Key West—Water—City votes soon on \$100,000 bonds.

Fla., Tampa—Cork Academy Special School Tax Dist. 7, Hillsborough County, voted \$20,000 bonds.

Ga., Columbus—Paving—Muscogee County, R. H. Barnes, Clk., receives bids June 27 for \$644,000 4½% bonds.

Ga., Decatur—City votes June 30 on \$150,000 improvement bonds, including \$85,000 for schools.

Ga., Lambert—School—City votes in June on \$10,000 bonds.

Ga., Willie—School—City votes in June on \$15,000 bonds.

Ky., Bowling Green—School—City votes June 16 on \$90,000 bonds.

Ky., Hartford—School—Hartford School Dist. voted \$14,000 bonds.

Ky., Louisville—Sewer—City, Mayor Harrison, considering \$10,000,000 bond election in Nov. 5-10

Ky., Shelbyville—Road—Shelby County Court, James C. Ray, Clk., receives bids June 15 for \$100,000 4½% \$1000 denom. bonds.

Ky., Somerset—Road—Pulaski County considering voting Aug. 4 on \$300,000 bonds.

La., Amite—Tangipahoa Parish School Bd. receives bids June 11 for \$150,000 6% \$1000 denom. bonds.

La., Amite—Tangipahoa Parish School Bd., W. J. Dunn, Sec., receives bids June 19 for \$150,000 \$1000 denom. not to exceed 6% School Dist. 39 bonds.

Md., Annapolis—State, John M. Dennis, Treas., receives bids June 13 for \$624,000 4½% certificates of indebtedness: \$409,000, lateral and post road loans, 1920; \$146,000, construction loan, 1920; \$68,000, bridge loan, 1920; \$1,000, state loan, 1918.

Md., Annapolis—Road—Anne Arundel County Comms., Elmer E. Parkinson, Pres., receive bids June 26 for \$400,000 4½% Series B bonds.

Miss., Bay St. Louis—Dedeaux Consolidated School Dist., Hancock County, votes June 9 on \$12,000 bonds.

Miss., Jackson—State Bond Comn., Webb Walley, State Treas.; Theo. G. Bilbo, Governor, receives bids June 21 for \$5,845,000 4½% \$1000 denom. bonds; \$500,000, Class D. State Hospital Removal Improvement and Land Sale Comn.; \$3,745,000, permanent improvement; \$1,600,000, improving, etc., State University.

Mo., California—Water—City plans bond election.

N. C., Edenton—Bridge—Chowan County Comms., authorized \$60,000 bond issue.

Mo., Pineville—McDonald County plans voting in Aug. on \$25,000 bonds to purchase and equip county farm.

N. C., Boone—School Funding—Watauga County Comms., receive bids June 15 for \$40,000 4½% bonds.

N. C., Charlotte—City, Mayor Redd, plans \$1,125,000 bond issue: \$600,000, paving and storm sewers; \$75,000, sanitary sewers; \$75,000, underpass and grade elimination; \$150,000, street widening and property damage; \$100,000, water; \$125,000, fire station improvements; Gilbert C. White Engineering Co., 406½ W. Main St., Durham. 5-3

N. C., Fairmont—Municipal Building—City votes June 12 on \$60,000 bonds.

N. C., Henderson—Municipal Building—City, C. B. Burwell, Clk., receives bids June 11 for \$30,000 \$1000 denom. not to exceed 6% bonds.

Okla., Ardmore—School—City, Stephen A. George, Mayor, votes June 12 on \$200,000 bonds.

Okla., Bartlesville—Water, etc.—City may vote in Nov. on \$1,000,000 bonds.

Okla., Muskogee—City Hall—City, Robert P. Chandler, Clk., plans receiving bids for bonds.

Tenn., Benton—School—Polk County votes June 9 on \$180,000 bonds.

Tenn., Bolivar—Road—Hardeman County voted \$500,000 bonds. 5-10

Tenn., Chattanooga—Aviation Field—City may vote in Sept. on \$250,000 bonds; James A. Cash, Commr.

Tenn., Centerville—Water, Sewer—City defeated \$75,000 bond issue. 5-10

Tenn., Huntingdon—Street—City votes June 12 on \$50,000 bonds.

Tenn., Knoxville—City, Otto Roehl, Mgr., considering \$3,300,000 bond election in Aug.: \$1,500,000, sanitary sewers; \$750,000, Tennessee River Bridge; \$500,000, Church and W. Fifth Ave. bridges; \$350,000, auditorium; \$100,000 to \$150,000, city jail-safety dept. and municipal court headquarters; widen and extend Wall Ave., etc.

Tex., Amarillo—Refunding—City voted \$900,000 bonds to replace outstanding warrants. 5-24

Tex., Alvin—Alvin Independent School Dist. voted \$80,000 bonds; Dr. J. W. Vogan, Pres. Bd. of Trustees. 5-17

Tex., Beeville—Road—Bee County, F. J. Malone, Clk., receives bids June 11 for \$70,000 4½% and 4¾% \$1000 denom. bonds.

Tex., Bonham—Drainage—Sulphur Creek Drainage Dist., Fannin County, voted \$55,000 bonds.

Tex., Crosbyton—Sewer—City voted bonds to redeem warrants.

Tex., Crystal City—Courthouse—Zavalla County Comms., Court called election for June 23 on \$75,000 bonds.

Tex., Dallas—Hospital—City, Barney Davis, Finance Commr., considering issuing, during present year, portion of \$400,000 hospital bonds authorized by Ulrickson program.

Tex., Hempstead—Road—Waller County Comms. may call election about middle of July in Precincts 1 and 6, on \$330,000 bonds.

Tex., Hico—City votes June 12 on \$75,000 bonds; \$35,000, water works; \$37,000, sewer.

Tex., Houston—School—City, W. A. Moore, Sec., voted \$4,000,000 bonds. 5-3

Tex., Lancaster—Paving—City, J. C. Hawks, Mayor, votes June 19 on \$11,000 bonds. 5-31

Tex., Lovelady—Water—City votes June 19 on \$38,000 bonds.

Tex., Marlin—Sewer—City votes June 26 on \$38,000 bonds.

Tex., Newcastle—Newcastle Independent School Dist. votes in June on \$30,000 bonds.

Tex., Newton—Road—Newton County, A. E. Lindsey, Judge, contemplates \$150,000 bond election.

Tex., Olton—Olton Independent School Dist. voted \$40,000 bonds. 5-24

Tex., Palmer—Water—City voted \$42,500 bonds.

Tex., Raymondville—Road—Willacy County, Lyford Dist., No. 1, considering \$400,000 bond election.

Tex., Roscoe—Refunding—City votes June 19 on \$78,000 5½% bonds.

Tenn., Sevierville—Road—Sevier County Court authorized \$275,000 bond issue.

Tex., Uvalde—School—City voted \$150,000 bonds; Guy D. Dean, Supt., Bd. of Education.

Tex., Waco—City receives bids June 19 for \$800,000 Lake Bosque water bonds.

Tex., Woodson—Woodson Independent School D.st. voted \$35,000 bonds.

Va., Newport News—City votes June 12 on \$40,000 school bonds.

W. Va., Clarksburg—Bridge—City, D. H. Hamrick, Clk., voted \$60,000 bonds; receives bids between July 17 and Aug. 7 for 4½% bonds. 4-26

W. Va., Hinton—Street—City plans selling \$160,000 bonds.

W. Va., New Martinsville—Electrical System—City, S. R. Cox, Clk., contemplates \$125,000 bond issue.

Bond Issues Sold

Ala., Eufaula—School—City, Ruby D. McEachern, Clk., sold \$20,000 5½% \$1000 denom. bonds to Marx & Co., Birmingham, \$20,390 and costs. 5-10

Ark., Malvern—Paving—Comms. of Paving Dist. 4, E. H. Cox, Chmn., sold \$26,000

5½% dist. bonds to Merchants and Planters Investment Co., Pine Bluff, 102.42. 5-24

Fla., Everglades—Road, Bridge—Collier County, E. W. Russell, Clk., Circuit Court, sold \$400,000 6% \$1000 denom. bonds to Eldredge & Co., New York, \$390,250 and accrued interest. 5-10

Fla., Gainesville—Alachua County Comms., sold \$790,000 5% \$1000 denom. Road and Bridge Dist. 1 bonds to W. L. Slayton & Co., Toledo, Ohio, \$760,700 and accrued interest. 5-24

Fla., Miami Shores—Street, Sidewalk—Town, H. H. Hawthorne, Clk., sold \$15,000 6% bonds to Morgan-Hill Paving Co., Birmingham, Ala., 95. 5-3

Fla., Sarasota—Refunding—City, E. J. Bacon, Mayor, sold \$848,800 6% bonds to Wright, Warlow & Co., Orlando; Brown-Crummer Co., Wichita, Kan.; W. L. Slayton & Co., Toledo, and Dupont-Ball Co., 96.37.

Ga., Americus—Bd. of Trustees New Era Consolidated School Dist. sold \$20,000 4½% dist. bonds to Planters Bank, Americus.

La., New Orleans—Hon. T. Semmes, Walmsley, Commr. of Public Finance, sold \$1,000,000 4½% \$1000 and \$500 denom. of \$5,000,000 bonds to develop, extend, improve and construct Public Belt, R. R. System, to R. M. Grant & Co., H. M. Byllesby & Co., both Chicago, Ill.; Liberty Central Trust Co., St. Louis, Mo.; Moore, Hyams & Co., Inc., New Orleans, La., at 104.1565 and accrued interest.

Mississippi—State Bond Comn., Jackson, Theodore G. Bilbo, Governor; Webb Walley, Treas., sold \$2,374,500 4½% bonds to Sutherland, Barry & Co., New Orleans, La., par, accrued interest and \$96,302 premium. 5-10

Mo., Perryville—Water—City sold \$120,000 4½% bonds to Stix & Co. and Wm. R. Compton Co., both St. Louis, \$333 premium. 4-26

Mo., Sedalia—Pettis County Comms. sold \$60,000 4½% Hughesville Special Road Dist. bonds to Fidelity Natl. Bank, Kansas City, 101.305.

N. C., Kinston—School Funding—Lenoir County Comms. sold \$95,000 4½% \$1000 denom. bonds to W. K. Terry & Co., Toledo, Ohio, par and accrued interest. 5-17

N. C., Kings Mountain—Water—City sold \$250,000 4¾% bonds to Griswold-First State Co., Detroit, Mich., \$1125 premium. 5-24

N. C., Lenoir—Water—City, John M. Crisp, Clk., sold \$100,000 4¾% bonds to Hanchett Bond Co., Chicago, Ill., \$5025 premium. 5-10

N. C., Whiteville—School—Columbus County Comms. sold \$75,000 4½% bonds to Bank of Whiteville, \$3351 premium. 4-26

N. C., Winston-Salem—City sold \$108,000 anticipation notes to C. D. Barney & Co., New York.

Okla., Hollis—Sewer, Water—City sold \$95,000 4¾% bonds to John Nuveen & Co., Chicago, Ill., \$50 premium.

S. C., Barnwell—Road—Barnwell County Comms. sold \$351,000 4¾% bonds to Walter, Woody & Helmerding, Cincinnati, Ohio, for \$354,035 and accrued interest.

S. C., Columbia—Road—Richland County Comms., W. C. Thomas, Clk., sold \$508,000 4½% bonds, jointly, to Alester G. Furman Co., Greenville, Morris-Mather & Co., and Redmond & Co., both New York, \$1600 premium.

S. C., St. George—Paving—Dorchester County sold \$180,000 bonds, jointly, to Dorchester Banking Co. and Peoples Securities Co., Charleston, par, \$348 premium.

Tenn., Ripley—Road—Lauderdale County Hard Roads Comn., Wm. Tucker, Jr., Sec., Treas., sold \$250,000 4¼% bonds to Caldwell & Co., Nashville, and I. B. Tigrett Co., Memphis; par. etc. 5-10

Tex., Asherton—Water, Sewer—City, E. F. Schumann, Mayor, sold \$70,000 5½% bonds to J. E. Jarratt Co., San Antonio, subject to election June 16.

Tex., Brownwood—School—J. M. Leach, City Sec., sold \$50,000 4¾% bonds to Buchanan Investment Co., Dallas, \$1640 premium. 5-3

Tex., Edinburg—Road—Hidalgo County Comms. sold \$800,000 5½% Mission Dist. 5 bonds to Brown-Crummer Co., Wichita, Kan., par, accrued interest, \$19,200 premium.

Tex., Waco—City's Sinking Fund purchased \$200,000 Lake Bosque water bonds.

Va., Ashland—Water, Sewer Refunding—

(Continued on page 128)

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FINANCIAL NEWS

(Continued from page 126)

City sold \$50,000 4 1/4% \$1000 denom. bonds to Harris, Forbes & Co., New York.

Va., Suffolk—City, R. H. Brinkley, Mgr., sold \$100,000 4% \$1000 denom. bonds to Stein Bros. & Boyce, Baltimore, Md., \$96,710 and accrued interest, fire station, school and public improvements. 5-24

W. Va., Martinsburg—Berkeley County sold \$293,000 5% Martinsburg Independent School Dist. coupon bonds to Seasongood & Mayer, Cincinnati, Ohio, \$17,788 premium.

Building and Loan Associations

Tex., San Angelo—San Angelo Building and Loan Assn., capital \$1,000,000, chartered; T. R. Logan, A. S. Glover, V. V. Kingsbury.

New Financial Corporations

Ark., Gurdon—First National Bank of Gurdon, capital \$25,000, chartered; Jno. N. Stuart, Pres.; Rupert A. Stuart, Cashier.

Ala., Mobile—American National Bank, Wm. C. Thompson, Pres., Mt. Vernon, N. Y., announces abandonment of plan to organize, as previously planned.

Ark., Mineral Springs—First Natl Bank, capital \$25,000, re-organized; Sid Dickerson, Pres.; Rudolph Dickerson, Cashier.

Ky., Louisville—Royal Mortgage and Finance Co., capital \$60,000, incorporated; Louis Cohn, Starks Bldg.

Ky., Maysville—Security Bank and Trust Co., capital \$100,000, organized; Horace J. Cochran, Pres.; Thomas A. Duke, V.-P.; White F. Varden, Cashier.

La., Covington—Covington Finance Corp., capital \$50,000, chartered; W. C. Grant, Pres.; W. E. Fazende, Sec.-Treas., both Covington; Alfred Sheldon, V.-P., 2618 St. Charles Ave., New Orleans.

La., De Ridder—City Savings Bank, capital \$50,000, opened; P. W. West, Pres.; J. B. Jones, V.-P.; W. C. Evans, Cashier.

Mo., Perry—Perry State Bank, capital \$25,000, chartered; formed by merger of Perry Bank, D. E. Warrington, Pres., and Peoples Bank, W. R. Netherland, Pres.

Tex., Cushing—First Natl. Bank of Cushing, capital \$25,000, organized; J. O. Fussell, Pres.; A. J. Cariker, V.-P.; W. W. Watt, Cashier; formed by merger of Farmers State Bank and Cushing State Bank.

Tex., Houston—West Securities Co., capital \$2,000,000, chartered; H. T. Monroe, Pres.; J. M. West, Chmn. of Bd., West Bldg.; C. B. Granbury, V.-P., 2913 W. Hathaway St.

Tex., Temple—First National Co., capital \$100,000, organized; F. L. Denison, Pres.; Lem Burr, Sec.; organized in connection with First Natl. Bank, F. F. Downs, Pres. 5-31

Commercial Savings and Loan Assn., T. E. Martinie, Pres., Joplin, Mo., plans increasing capital to \$1,000,000.

Seaboard Natl. Bank, Goldsborough Serpell, Pres. and Chmn. of Bd., and Citizens Bank, Norman Bell, Pres., all Norfolk, Va., plan consolidating as Seaboard-Citizens Natl. Bank; over \$20,000,000 resources.

Trade Literature

Coal Pulverizer.—The multi-stage unit pulverizer, the latest addition to the line of pulverizer equipment turned out by the Grindle Fuel Equipment Company, Harvey, Ill., a subsidiary of the Whiting Corporation, is described in detail in bulletin No. 9 of the Grindle concern. Illustrations clarify the text and diagrams also are given.

Cypress Utilization.—The Louisiana Red Cypress Bureau, New Orleans, La., established by the manufacturers of Louisiana red cypress and swamp tupelo, has issued a pamphlet describing briefly some of the ways in which cypress can be utilized, both as an exterior finishing lumber and as an interior trimwood.

Concrete Floors.—"Plain Talk About Concrete Floors," a brochure issued by the Master Builders Company, Cleveland, Ohio, reviews the principal methods that have been used and sums up relative efficiencies based on surveys of actual floors and the reports of engineers mentioned. The booklet is filled with specific facts and figures, including valuable data obtained from owners on initial costs and upkeep expense. It is written for the busy man and can be read in 20 minutes. Copies are supplied to engineers, architects, contractors and building owners and operators.

Grate Bar.—The Thomas Durable Grate Bar, a product of the Thomas Grate Bar Company, Birmingham, Ala., is described by that company in a circular in which Nicholas Greener, manager of a Bude (Miss.) sawmill, is quoted as saying that after installing the Thomas grates he found his boiler efficiency had increased from 20 to 25 per cent, and that they lasted so much longer "they are considerably cheaper in the long run." There is a picture of a Thomas durable grate bar which has given 16 months of service in the plant of the Homochitto Lumber Company, Bude.

De Laval Pumps.—The part played by De Laval pumps, manufactured by the De Laval Steam Turbine Company, Trenton, N. J., in supplying water for Spokane, Wash., is interestingly described in a brochure issued by that company. An illustration shows one of the wells of the main pumping plant, containing three De Laval pumps, one of 24,000,000 gallons capacity a day, one of 12,000,000 gallons and one of 8,000,000 gallons.

Carbic Light.—Advantages of the Carbic Light manufactured by the Oxweld Acetylene Company, New York, Chicago and San Francisco are described in words and pictures in a booklet issued by that concern, "The Standard Portable Flood Light for 14 Years." Many uses are detailed for the light, which is stated by the company to be rugged and of durable construction, simple in design and simple in operation.

Ludlow-Saylor Screens.—An interesting booklet, "Controlling Crusher Wastes With Woven Screens," copyrighted and issued by the Ludlow-Saylor Wire Company, St. Louis, Mo., contains a discussion of screen openings, including a comparison of square screen openings with the larger round openings used in separation process. Data on every page is amplified with photographs and flow sheets. Copies can be obtained from the company.

Cranes, Shovels, etc.—Speeder model B-2 is featured in an illustrated pamphlet issued by the Speeder Machinery Corporation, Cedar Rapids, Iowa, manufacturers of cranes, shovels, pull-shovels, draglines, skimmers and trailers. Information is given on pull-shovel ranges and specifications, also figures on crane and dragline capacities and loads, skimmer working range and mechanical features.

Brixment for Stucco.—Of interest is a booklet, "Brixment for Stucco," issued by the Louisville Cement Company, Louisville, Ky., and obtainable from that concern. Besides describing the product very fully and giving direction for application and other details, the booklet gives directions for estimating and specifications for use.

Chief Brand Stucco.—Interesting information on Chief Brand portland cement stucco is given in a circular issued by Stucco Products Company, Jacksonville, Fla. Specifications and instructions are presented, with samples of standard colors, and a list of jobs in which the material has been used in Jacksonville.

Tractors.—A new electric industrial truck, crane and tractor (tractor) catalogue, showing about half the Elwell-Parker models now being built to match the processing requirements in practically all branches of manufacturing, has been issued by the Elwell-Parker Electric Company, Cleveland, Ohio, and can be obtained from the company. The information will enable a more accurate estimate of just how a tractor will fulfill the requirements of a transport, tiering, stacking or general handling operation and its timing with other operations.

Book Reviews

Patent Law for the Inventor and Executive. H. A. Toulmin, Jr. New York: Harper & Brothers. Cloth. Pp. 288. \$4.

Out of his long experience as a patent lawyer, Mr. Toulmin informs the inventor and the executive on many points, discussing, for instance, the protection of the inventor's new ideas, the proper relation of the corporation to those who work in its research laboratories, the procedure for procuring patents and ways of stimulating new inventions. Typical chapter headings are: "How to Get a Valid Patent"; "Who Owns the Invention—Employer or Employee?" "How to Stimulate Invention by Employee," and "What Are Patents Worth?" In an introduction F. A. Scott of Cleveland, Ohio, says: "In the present work Colonel Toulmin has produced a book which in scope, arrangement and sense of perspective presents this subject understandingly, succinctly and, for myself, I must add, alluringly."

Safety and Production. A report by the American Engineering Council. New York: Harper & Brothers. Cloth. Pp. 414. \$5.

Described as an engineering and statistical study of the comparative relationships between industrial safety and production, made at the request, and with the financial assistance, of the National Bureau of Casualty and Surety Underwriters, this book is a comprehensive exposition of facts and conditions directly and indirectly related to the title. In it, for instance, are answered such questions as: Have industrial accidents increased in frequency or in severity in recent years? If there is such an increase, is it proportionately greater or less than the increase in production? Can industrial accidents be better controlled under modern conditions of production; and, if so, how? Does safety work interfere with production? Is the safest factory the most efficient factory? Who is responsible for carrying forward the new safety movement? The connection between safety and efficiency goes very deep and the subject is given most thoughtful consideration. A conclusion on that line is that an industry that is rightly conceived and organized will function properly, not in one respect, but in all respects. Tables and charts, picturing conditions as the writers have found them, visualize the subject in its various ramifications and add value to the volume.

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SMALL INDUSTRIES EMPLOY MANY. Projects in Wide Variety Established in Towns and Cities of the Carolinas.

Throughout the Carolinas there are being established many small plants, manufacturing products in wide variety and using in the aggregate a large number of employees. Such industries add to the activity represented by those projects of a major nature which have recently been completed, are now under way or projected. Some of these smaller industries are told about in a recent issue of a monthly booklet issued by the Southern Public Utilities Company of Charlotte. From it is prepared the following brief summary:

The plant of the Piedmont Shirt Company at Greenville opened with 38 machines in operation and 55 employees; it turns out daily about 700 shirts. Most of the material used is purchased from local mills. Max Leiderman and associates recently moved a juvenile hosiery mill from Philadelphia to Greensboro, occupying a one-story building 133 by 163 feet. The plant is said to have been in successful operation for the past six years at Philadelphia, but was moved to the South because of the superior advantages afforded. The McClaren Rubber Company, Charlotte, manufacturers of Autocrat cord automobile tires, recently purchased machinery to increase their output by 33 per cent; this will increase the payroll from \$400,000 to \$500,000 annually. The R. J. Reynolds Tobacco Company, Winston-Salem, is manufacturing cigarettes in its new unit, which is a link in the company's expansion program occasioned by the increase in business and by the removal of certain plants to Winston-Salem from Jersey City, N. J. The American Furniture Company has begun operations at North Wilkesboro, having been organized a short time ago with a paid in capital of \$40,000. The Carolina Broom Company, operated by C. H. and Samuel Groome, recently established a plant at Groometown, Guilford county, and is turning out 25 dozen brooms daily.

Construction is under way on a factory for the Fogle Furniture Company, Winston-Salem. The Lady Carolina Cake, Inc., is the name of a new corporation formed at Spartanburg, to operate a bakery with a capacity of 125,000 pounds of cake monthly. The Ebroclo Shirt Company, Greensboro, has acquired a site for a \$75,000 building to house its office force. The Newman Machine Company, Greensboro, manufacturers of woodworking machinery, recently increased their capital to \$500,000 to provide for doubling the plant's capacity. At High Point the Liberty Underwear Company has begun the manufacture of ladies' rayon underwear.

\$10,000,000 Bond Issue Considered for Sewers.

Louisville, Ky.—Consideration is being given by the sewer commissioners of this city, Matt H. Crawford, chairman, to the question of submitting a \$10,000,000 bond issue to a vote of the city in November for sewer extensions. A tentative program calls for new trunk line sewers in most of the newly annexed territory, with new and larger sewers in other parts of the city. The last major item of construction, to be paid from the last bond issue of \$5,000,000, will be let this summer. This will be the Beechmont-Highland Park project to cost approximately \$500,000.

12-Story Building Planned for St. Louis.

St. Louis, Mo.—Plans have been announced for the erection of a 12-story office building on the Memorial Plaza here to cost about \$1,500,000, including site. Interests promoting the structure will organize the Plaza Realty Company to erect it, the design to follow that of the Missouri Pacific building nearby. It will front 50 feet on the south side of Olive street, with a depth of 193 feet on Pine street and will front 39 feet

on the Memorial Plaza. One large store on the first floor will front on two streets, while the remaining floors will be devoted to offices. A large lobby will be provided and a freight and three passenger elevators installed. Officers of the Plaza Realty Company include Benjamin Brinkmann, president; W. J. Holbrook and Henry R. Weisels, vice-presidents; A. M. Frumberg, treasurer and E. W. Banister, secretary.

Bauxite Production Decreased in 1927—South Supplies Total Output.

The production of bauxite in the United States in 1927 was 320,940 long tons valued at \$1,988,780, a decrease of 18 per cent in both quantity and value, as compared with 1926, according to the Bureau of Mines.

BAUXITE PRODUCED IN THE UNITED STATES, 1923-1927.

Year	Georgia, Alabama* and Tennessee		Arkansas		Total	
	Long tons	Value†	Long tons	Value†	Long tons	Value†
1923	28,810	\$176,030	493,880	\$2,980,580	522,690	\$3,156,610
1924	19,940	156,990	327,630	1,981,000	347,570	2,137,990
1925	20,220	109,800	296,320	1,878,450	316,540	1,988,250
1926	20,680	116,650	371,570	2,298,550	392,250	2,415,200
1927	17,110	95,920	303,830	1,892,860	320,940	1,988,780

*No production from Alabama in 1924, 1925 and 1926, and no production from Tennessee in 1927.

†Value f. o. b. mines.

Production in the eastern fields in 1927 was 17,110 tons, valued at \$95,920, a decrease of 17 per cent in quantity and 18 per cent in value, and in Arkansas it was 303,830 tons, valued at \$1,892,860, a decrease of 18 per cent in both quantity and value, as compared with 1926. No bauxite was produced in Tennessee in 1927, and the Alabama production was entirely from the Eufaula district, Barbour County, which was opened in 1926.

DOMESTIC BAUXITE SOLD BY PRODUCERS TO INDUSTRIES IN UNITED STATES.

Industry	1927	1926	1925	1924
	Tons	Tons	Tons	Tons
Aluminum	186,490	241,850	173,040	225,780
Chemical	62,410	77,960	67,420	54,870
Abrasive	71,790	72,210	73,720	66,400
Cement and Refractories..	250	230	260	520
Total	320,940	392,250	314,440	347,570

Imported bauxite, particularly that from South America, has been increasing with the exception of 1926 and the total new supply has steadily grown since 1924.

SUPPLY OF BAUXITE IN THE UNITED STATES.

Year	Imports		Total new supply*	
	Long tons	Value	Long tons	Value
1923	119,020	\$593,882	641,710	\$3,750,492
1924	201,974	909,493	549,544	3,047,483
1925	353,696	1,549,120	670,236	3,537,370
1926	281,644	1,187,497	673,894	3,602,697
1927	356,580	1,572,236	677,520	3,561,016

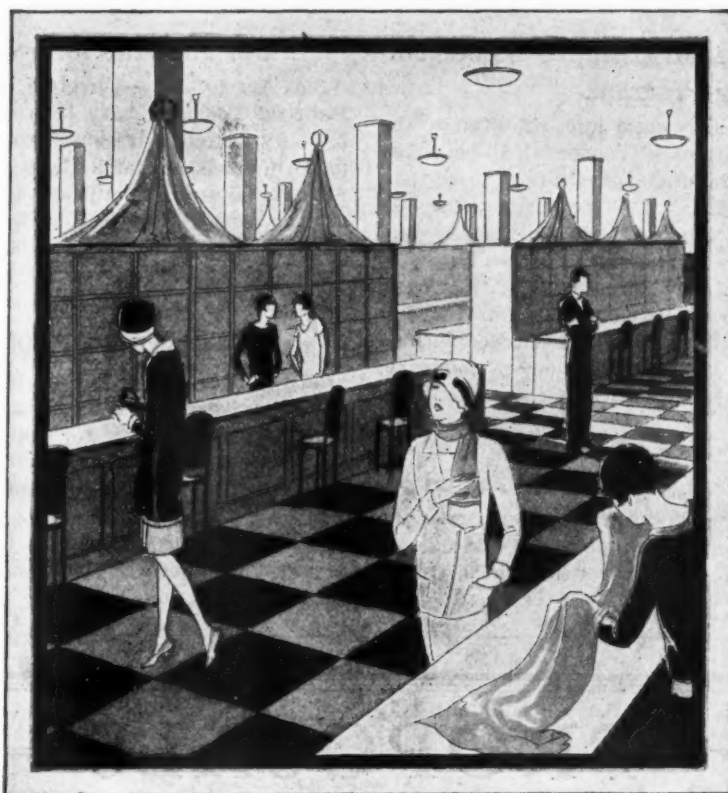
*Includes domestic production.

Exports of bauxite and bauxite concentrates have likewise increased, particularly in the last two years, since the great increase in aluminum manufacture in the Canadian and Norwegian plants of the Aluminum Co. of America.

Exports in 1927 amounted to 121,858 tons valued at \$7,800,491, as compared with 87,770 tons valued at \$4,741,260 in 1926 and 78,633 tons valued at \$4,134,455 in 1925.

The producers of domestic bauxite reported sales during 1927 at prices ranging from \$5.00 to \$6.50 a long ton. The average for Arkansas bauxite was \$6.23 a ton, for Alabama \$6.08, for Georgia \$5.46, and for the United States \$6.20. It is believed that the values given represent more nearly production costs as the greater part of the domestic bauxite is produced by consumers of bauxite.

World production of bauxite has likewise been increasing along with the expansion in manufacture of aluminum, the growth of the chemical and abrasive industries, and the expanding demand for aluminous cements.



STALKING, TALKING GHOSTS

EVERYWHERE an unwholesome hush. . . empty counters. . . doleful clerks trying to look busy. . . floorwalkers consciously upright. . . a few shoppers here and there peering about suspiciously.

Yet not so long ago this was the frantic scene of "The Greatest Sale in the History of the Store." Upstairs, buyers, merchandise manager, and advertising manager strutted unashamed.

And now, a dark cloud hovers over this store.

What is the matter?

G-h-o-s-t-s. . . ghosts of goodwill killed off at the height of

buying power. . . ghosts talking of untimely fading. . . ghosts reminding customers of goods supposedly "fast" that streaked and ran. . . stores haunted with the memories of complaints made, not to the complaint department, but to friends, acquaintances, relatives.

And these stubborn, unladen ghosts of customer-dissatisfaction go further than the retail store; they haunt the sample cases of eager salesmen, and even the whirring mills that make these unsatisfactory goods.

These ghosts will be laid only when the truth is realized that



Everybody gets more for their money in

FAST-DYED FABRICS

E. I. DU PONT DE NEMOURS & CO., Inc.

Dye Stuffs Department

WILMINGTON, DELAWARE

Architects Selected for Mississippi's \$5,000,000 Building Program.

Jackson, Miss.—Dividing the work into six groups, the state building commission, Governor Theodore G. Bilbo, chairman ex-officio, having in charge the expenditure of more than \$5,000,000 for building projects at State institutions, has selected the following architects: Claude H. Lindsley and Frank P. Gates Company, both of Jackson; Vinson B. Smith and Shaw & Woleben, both of Gulfport; R. C. Springer, Meridian, Miss., and Bem Price, Birmingham, Ala. In addition to Governor Bilbo, members of the commission include Lieutenant-Governor Adam and M. S. Conner of Seminary, Miss. Campbell C. Denman of Vicksburg, is the auditor.

Southern Pine Association to Meet June 20 and 21.

New Orleans, La.—H. C. Berckes, secretary-manager of the Southern Pine Association, announces that the mid-summer meeting of subscribers to the association will be held in New Orleans June 20 and 21.

For 130-Mile Railroad Line in Texas.

San Angelo, Tex.—Directors of the Gulf and West Texas Railroad Company have instructed Judge W. C. Banks of this city, secretary-treasurer, to apply to the Interstate Commerce Commission for authority to construct a line between San Angelo and Kerrville, about 130 miles. Subscriptions to a stock issue of \$1,400,000 will be requested. The company plans to use the Southern Pacific track between Kerrville and Corpus Christi, by way of San Antonio, 240 miles.

Engineers for \$3,500,000 Waco Water Supply.

Waco, Tex.—Floyd & Lockridge of Dallas, have been engaged by the City of Waco as engineers for the proposed Lake Bosque water project, for which \$3,500,000 of bonds have been released. The project will involve the construction of an earthen dam and concrete spillway to cost about \$2,500,000 and survey work is expected to be started at once. The city has purchased \$200,000 of the Lake Bosque bonds out of its sinking fund, and will receive bids until June 19 for \$800,000 of these bonds.



BOND ISSUES

PROPOSALS

BUILDINGS

PAVING

GOOD ROADS



Bids close June 27, 1928.

\$536,750 5% School Bonds

Lafayette, La.
The Board of School Directors of Lafayette Parish, Lafayette, Louisiana, will, up to 11 o'clock on the Twenty-seventh day of June, 1928, receive sealed bids for the purchase of \$536,750 Bonds of Consolidated School District Number 11 of Lafayette Parish, Louisiana. These bonds are issued for the purpose of acquiring lands for building sites and playgrounds and purchasing, erecting, improving, equipping and furnishing school buildings and teachers' homes in said District; are of the denomination of \$1000 each, except one (1) bond, which is of the denomination of \$750; are dated July 2, 1928, and mature serially on July 2 of each of the years 1931 to 1968, inclusive. These bonds bear interest at the rate of five per cent (5%) per annum, payable semi-annually on the second days of January and July of each year, and bidders are requested to so condition their bids. Principal and interest shall be payable at a bank fixed by the purchaser.

Each bid shall be addressed to J. W. Faulk, Superintendent of said Parish, and shall be accompanied by a certified check for \$27,000, payable to the order of J. W. Faulk, Superintendent, and payable unconditionally as evidence of the good faith of the bidder. Checks of the unsuccessful bidders will be returned to them promptly, and the check of the successful bidder will be returned to him upon his taking up and paying for the bonds, in accordance with his bid, or will be forfeited to said Consolidated School District Number 11 as full liquidated damages in the event of his failure to comply with the terms of his bid.

The District will furnish the approving opinion of Messrs. Chapman and Cutler, Lawyers, Chicago, Illinois, under whose direction all proceedings have been prepared, and all bids must be so conditioned. Blank bonds are to be furnished by the purchaser.

If any bidder desires to specify, as a condition of his bid, that the proceeds of the sale shall be deposited in a bank of his selection, as permitted by Act Number 13 of 1924, he is requested to also submit an additional bid stating the amount of premium he is willing to pay without the privilege of the selection of a depository.

The Board reserves the right to reject all bids. Bonds must be sold at not less than par.

J. W. FAULK,
Parish Superintendent.

RATE: 35 cents per line per insertion.

PUBLICATION DAY: Thursday.

FORMS CLOSE: 4 P. M. Monday.

DAY LETTER: When too late to send copy by mail to reach us by 4 P. M. Monday, forward by day letter.

THE DAILY BULLETIN OF THE MANUFACTURERS RECORD:

Published every business day; gives information about the industrial, commercial and financial activities of the South and Southwest.

The Daily Bulletin can be used to advantage when copy cannot reach us in time for publication in the Manufacturers Record before bids are to be opened, or when daily publications are necessary to meet legal requirements.

The same rate applies—35 cents per line per insertion.

Bids close June 15, 1928.

U. S. Engineer Office, Mobile, Ala.—Sealed bids, in duplicate, for maintenance dredging in Mobile River and Bay channels, Ala., will be received at this office until 11 o'clock A. M. June 15, 1928, and then publicly opened. Further information on application.

Bids close June 25, 1928.

TREASURY DEPARTMENT, office of the Supervising Architect, Washington, D. C., May 23, 1928.—SEALED BIDS will be opened at this office, 3 P. M. June 25, 1928, for remodeling and enlarging the U. S. Post-office at Waxahachie, Texas. Drawings and specifications may be obtained from the custodian of the building or at this office, in the discretion of the Supervising Architect. JAS. A. WETMORE, Acting Supervising Architect.

Bids close June 18, 1928.

TREASURY DEPARTMENT, office of the Supervising Architect, Washington, D. C., May 17, 1928.—SEALED PROPOSALS will be opened in this office at 3 P. M. June 18, 1928, for furnishing all labor and material required for installing new brass water piping, etc., in the U. S. Postoffice and Court-house at Jackson, Miss. Drawings and specifications may be obtained from the custodian at the U. S. Postoffice and Court-house at Jackson, Miss., or at this office, in the discretion of the Supervising Architect. JAS. A. WETMORE, Acting Supervising Architect.

Bids close July 31, 1928.

Proposals for Bridge Franchise Across the Red River at or Near Coushatta, Louisiana

Baton Rouge, La.

The Louisiana Highway Commission will, at 11 o'clock A. M. on TUESDAY, JULY 31, 1928, at its offices in the Raymond Building, Baton Rouge, Louisiana, receive proposals for the construction, operation and maintenance of a highway traffic bridge across the Red River at or near Coushatta, Louisiana. All proposals must be in sealed envelopes, addressed to the Chairman of the Louisiana Highway Commission, and must be accompanied by a certified check for \$10,000, payable to the Louisiana Highway Commission, as an evidence of good faith. All checks of unsuccessful bidders to be immediately returned after the franchise has been awarded. The check of successful bidder will be retained by the Commission until it is replaced with a bond for \$25,000, with the successful bidder as principal, and a surety company authorized to do business in the State of Louisiana as surety, conditioned upon the beginning of the work upon the bridge at such time as may be specified in the franchise. All bidders must be able to furnish bond of five (5%) per cent of the estimated cost of the bridge conditioned upon the faithful performance of the franchise, to be filed with the Louisiana Highway Commission at the time the work on the said bridge is begun.

Bids may be made in the alternative for either an exclusive highway traffic bridge, or a combination railroad and highway traffic bridge, and provision must be made in all of the proposals submitted for the amortization of that portion of the bridge devoted to highway traffic, if a combination bridge, or for the entire bridge, if an exclusive highway traffic bridge, with further provision for making the bridge free for highway traffic at the earliest possible time.

The Commission reserves the right to reject any and all proposals, or to select the proposal which seems most desirable and advisable for developing and perfecting the State Highway System of this State, and to enter into a contract accordingly.

LOUISIANA HIGHWAY COMMISSION.

By FRANK T. PAYNE,
Chairman.

Bids close June 13, 1928.

\$624,000 4½% Certificates of Indebtedness**STATE OF MARYLAND
TREASURY DEPARTMENT**

Annapolis, Md.

Pursuant to Chapter 49 of the Acts of the General Assembly of Maryland of 1924, and Section 31 of Article 95 of the Code of Public General Laws of Maryland, providing for the issuance and sale of the Certificates of Indebtedness herein mentioned and described, and pursuant also to a resolution of the Board of Public Works of Maryland, passed on the 9th day of May, 1928, and on file and open to inspection in the office of the said board in Annapolis, Maryland, the Treasurer of the State of Maryland will receive bids or proposals for Certificates of Indebtedness of the State of Maryland, now held by the Treasurer of the State in various sinking fund accounts, as follows:

LATERAL AND POST ROADS LOAN OF 1920

Issue of August 15, 1920—\$1,500,000

Chapter 508, Acts of 1920

Resolution of Board of Public Works of June 9, 1920

- Series G—114 bonds, Nos. 1 to 114, inclusive, due August 15, 1929
 Series H—119 bonds, Nos. 1 to 119, inclusive, due August 15, 1930
 Series I—122 bonds, Nos. 1 to 122, inclusive, due August 15, 1931
 Series J—54 bonds, Nos. 1 to 54, inclusive, due August 15, 1932

CONSTRUCTION LOAN OF 1920

Issue of August 15, 1921—\$500,000

Chapter 727, Acts of 1920

Resolution of Board of Public Works of June 16, 1921

- Series S—36 bonds, Nos. 1 to 36, inclusive, due August 15, 1929
 Series T—31 bonds, Nos. 1 to 31, inclusive, due August 15, 1930
 Series U—40 bonds, Nos. 1 to 40, inclusive, due August 15, 1931
 Series W—39 bonds, Nos. 6 to 44, inclusive, due August 15, 1933

BRIDGE LOAN OF 1920

Issue of August 15, 1921—\$100,000

Chapter 382, Acts of 1920

Resolution of Board of Public Works of June 16, 1921

- Series F—7 bonds, Nos. 1 to 7, inclusive, due August 15, 1929
 Series G—8 bonds, Nos. 1 to 8, inclusive, due August 15, 1930
 Series H—8 bonds, Nos. 1 to 8, inclusive, due August 15, 1931
 Series I—8 bonds, Nos. 1 to 8, inclusive, due August 15, 1932
 Series J—9 bonds, Nos. 1 to 9, inclusive, due August 15, 1933
 Series K—9 bonds, Nos. 1 to 9, inclusive, due August 15, 1934
 Series L—9 bonds, Nos. 1 to 9, inclusive, due August 15, 1935
 Series M—10 bonds, Nos. 1 to 10, inclusive, due August 15, 1936

STATE LOAN OF 1918

Issue of August 15, 1918—\$1,000,000

Chapter 298, Acts of 1918

Resolution of Board of Public Works of June 25, 1918

Series I—1 bond, No. 1, due August 15, 1929

All of said Certificates of Indebtedness bear interest at the rate of four and one-half per centum (4½%) per annum, payable semi-annually on the 15th days of August and February, respectively, in each and every year.

The said Certificates of Indebtedness are of the denomination of \$1000 each, subject to registration as to principal, and will be issued with interest coupons attached.

All accrued interest will be adjusted as of the date of delivery of said Certificates.

These Certificates of Indebtedness and the interest payable thereon are exempt from the Federal income tax and from State, County and Municipal taxation.

The said bids or proposals must be delivered to the Treasurer of the State at his office in Annapolis, Maryland, before 12 o'clock noon on Wednesday,

JUNE 13, 1928

Each bid must be for cash on delivery and must be enclosed in a sealed envelope addressed on the outside "Proposal for Sinking Fund Certificates." Each bid must be accompanied by a certified check upon some responsible banking institution, drawn to the order of the Treasurer of Maryland, for five per centum (5%) of the par value of the amount bid for. All bids or proposals will be opened at 12 o'clock noon on June 13, 1928, in the presence of the undersigned.

On the opening of said proposals as many of said Certificates of Indebtedness as have been bid for, not exceeding, however, the amount for which proposals are invited, may be awarded by the Governor, the Comptroller of the Treasury and the Treasurer, or a majority of them, to the highest responsible bidder or bidders therefor for cash, and if two or more responsible bidders have made the same bid and such bid is the highest and the Certificates so bid for by such highest responsible bidders are in excess of the whole amount of Certificates offered for sale, then such Certificates of Indebtedness may be awarded in a ratable proportion to such responsible bidders bidding the same price.

The undersigned may, in their discretion, accept one bid for all of said Certificates of Indebtedness or separate bids for parts of said Certificates of Indebtedness as may produce the highest amount, and they may, in their discretion, accept bids which may be for parts of said Certificates of Indebtedness, but are not for all, and they reserve the right in their discretion to reject all bids or any bids.

The Certificates of Indebtedness awarded will be delivered to the successful bidder or bidders upon the receipt of the amount of the successful bid or bids on Friday, June 15, 1928, at the office of the State Treasurer, Annapolis, Maryland.

Bidders are referred to the said Chapter 49 of the Acts of the General Assembly of 1924, Section 31 of Article 95 of the Code of Public General Laws of Maryland, Chapters 508, 727 and 382 of the Acts of the General Assembly of Maryland of 1920 and Chapter 298 of the Acts of the General Assembly of Maryland of 1918, as containing the full terms and provisions of this issue and the various loans.

It is one of the terms of this offering that the bonds when issued will be the legal and valid binding obligations of the State. The opinion of the Attorney-General of Maryland to this effect will be delivered to the successful bidder. Bidders may, if they wish, make the legality and validity of the bonds one of the terms of the bid by making the bid "subject to legality" or using any equivalent form of expression, but without leaving this question to the decision of the bidders or their counsel. All bids conditioned upon the approval of bidders or counsel, whether named or unnamed, will be treated as conditional bids and rejected, unless the condition is waived by the bidder to the satisfaction of the board before the opening of the bid.

ALBERT C. RITCHIE,

Governor.

WILLIAM S. GORDY, JR.,

Comptroller of the Treasury.

JOHN M. DENNIS,

Treasurer.

Bids close July 5, 1928.

SEALED BIDS, in triplicate, subject to the conditions contained herein, will be received by the U. S. Veterans' Bureau, Room 764 Arlington Building, Washington, D. C., until 11 A. M. July 5, 1928, and then publicly opened, for furnishing all labor and materials and performing all work for Construction of Buildings and Utilities, including roads, walks and drainage at U. S. Veterans' Hospital, Alexandria, Louisiana. This work will include excavating, reinforced concrete construction, hollow tile, gypsum blocks, brick work, cast stone, marble work, floor and wall tile, iron work, steel sash, steel stairs, with slate treads; wrought-iron fence, tile, metal and built-up roofing, roof ventilators, metal lathing, plastering, stuccoing, carpentry, dumbwaiters, platform scales, insect screens, painting, glazing, hardware, plumbing, heating, electrical work, electric elevators, refrigerating plant and outside sewer, water, steam and electric distribution system. **SEPARATE BIDS** will be received for Building Construction, Plumbing, Heating, Electrical Work, Electric Elevators, Ice-making and Refrigerating Plant and Concrete Chimney, all as set forth on bid form. Bids will be considered only from individuals, firms or corporations possessing satisfactory financial and technical ability, equipment and organization to insure speedy completion of the contract, and in making awards the records of bidders for expedition and satisfactory performance on contracts of similar character and magnitude will be carefully considered. At the discretion of the Director, drawings and specifications may be obtained upon application to the Construction Division, Room 764 Arlington Building, Washington, D. C. Deposit with application of a check or postal money order for \$100, payable to the **TREASURER OF THE UNITED STATES**, is required as security for safe return of the drawings and specifications within ten days after date of opening bids. **FRANK T. HINES**, Director. May 31, 1928.

Bids close June 19, 1928.

State Highways**DEPARTMENT OF PUBLIC WORKS
STATE OF MARYLAND
STATE ROADS COMMISSION****NOTICE TO CONTRACTORS**

Baltimore, Md.

SEALED PROPOSALS for building five sections of State Highway as follows:

Montgomery County, Cont. M-106—One section of State Highway from Seek's Corner to Brown's Corner to Carroll Avenue, a distance of 0.97 mile. (Concrete.)

Montgomery County, Cont. M-104—One section of State Highway from Bethesda to Chevy Chase to Silver Spring, a distance of 3.77 miles. (Concrete.)

Prince George's County, Cont. P-82—One section of State Highway between Laurel and Bowie for a distance of 2.0 miles. (Gravel.)

Charles County, Cont. Ch-50—One section of State Highway between Oliver's Shop and Bryantown, a distance of 4.5 miles. (Gravel.)

St. Mary's County, Cont. Sm-43—One section of State Highway between Hillsville and Hollywood for a distance of 2.0 miles. (Gravel.)

will be received by the State Roads Commission at its offices, 601 Garrett Building, Baltimore, Maryland, until 12 M. on the 19th day of June, 1928, at which time and place they will be publicly opened and read.

Bids must be made upon the blank proposal form, which, with specifications and plans, will be furnished by the Commission upon application and cash payment of \$1.00, as hereafter no charges will be permitted.

No bids will be received unless accompanied by a certified check for the sum of Five Hundred (\$500) Dollars, payable to the State Roads Commission.

The successful bidder will be required to give bond and comply with the Acts of the General Assembly of Maryland respecting contracts.

The Commission reserves the right to reject any and all bids.

BY ORDER of the State Roads Commission this 31st day of May, 1928.

JOHN N. MACKALL, Chairman.**L. H. STEUART**, Secretary.

Bids close June 20, 1928.

Invitations have been issued by the Architect of the Capitol for the presentation of plans, specifications and estimates for the ventilation and air conditioning of the Hall of the House of Representatives, and bids therefor will be opened on Wednesday, June 20, 1928, at 2 o'clock P. M. Detailed information concerning the work to be performed can be obtained by addressing David Lynn, Architect of the Capitol, Washington, D. C.

Bids close June 15, 1928.

State Highway Construction

Nashville, Tenn.

Sealed bids will be received by the State of Tennessee, Department of Highways and Public Works, at their offices in the Memorial Building, Nashville, at 10 A. M. Friday, June 15, 1928, and opened publicly at that hour, for the construction of the following projects:

PROJECT NO. 121-B. HUMPHREYS COUNTY—Construction of 5.521 miles of pavement on State Highway No. 1 between Waverly and Gorman. The grading and drainage on this project has been completed under a former contract.

PROJECT NO. 169-C and 71-B. OBION-LAKE COUNTIES—Construction of bituminous surface treatment on 19.6 miles of State Highway No. 21 between Troy and Tiptonville.

PROJECT NO. 384-B. DAVIDSON COUNTY—Grading and drainage of 8.346 miles of State Highway No. 11 between Nashville and Williamson County line.

PROJECT NO. 396-A. RUTHERFORD COUNTY—Construction of bituminous surface treatment on 20.0 miles of State Highway No. 51 between the Williamson County line and Murfreesboro.

PROJECT NO. 396-B. RUTHERFORD COUNTY—Construction of bituminous surface treatment on 12.0 miles of State Highway No. 51 between Murfreesboro and the Wilson County line.

PROJECT NO. 396-C. WILSON COUNTY—Construction of bituminous surface treatment on 17.0 miles of State Highway No. 51 between the Rutherford County line and Lebanon.

PROJECT NO. 397-A. LINCOLN COUNTY—Construction of bituminous surface treatment on 12.5 miles of State Highway No. 10 between Fayetteville and the Alabama State line.

PROJECT NO. 398-A. CARTER COUNTY—Construction of bituminous surface treatment of 3.1 miles of State Highway between Milligan College and the Unicoi County line.

PROJECT NO. 398-B & C. CARTER COUNTY—Construction of bituminous surface treatment on 12.6 miles of State Highway No. 37—Section B, 12.0 miles between the North Carolina State line and a point west. Section C, 0.6 mile between Elizabethton and Hampton.

PROJECT NO. 399-A. POLK COUNTY—Construction of bituminous surface treatment on State Highway No. 40 of 5.0 miles between Copper Hill and Ducktown.

PROJECT NO. 501-A. ROANE COUNTY—Construction of bituminous surface treatment on 5.8 miles of State Highway No. 29 between Rockwood and the Rhea County line.

PROJECT NO. 502-A. SEVIER COUNTY—Construction of bituminous surface treatment on 11.5 miles of State Highway No. 35 between Sevierville and the Knox County line.

PROJECT NO. 502-B. SEVIER COUNTY—Construction of bituminous surface treatment on 7.0 miles of State Highway No. 71 between Sevierville and Pigeon Forge.

Bidder's bond, on the form furnished with the proposal from a surety acceptable to this Department, or certified check, made payable to this Department, in the amount of not less than five per cent (5%) of the total bid must accompany the bid as evidence of good faith and as guarantee that if awarded the contract the bidder will execute and give bond as required.

Plans are furnished at cost, with no refund. Standard Specifications are furnished at a charge of \$1.00, with no refund. Proposals are furnished free of charge.

The right to reject any or all bids is reserved.

HARRY S. BERRY,
Commissioner.

Bids close June 21, 1928.

Street Improvements and Sewers

Hinton, W. Va.

Sealed proposals will be received by the Council of the City of Hinton, W. Va., until 8 P. M. 21st of June, 1928, at the City Hall, City of Hinton, for the improvement of certain streets in the City of Hinton and Avis and for sanitary sewers in Bellepoint.

Proposals will be received for brick, concrete and asphalt wearing surface. The type to be used will be selected after proposals are received. The area to be improved is approximately 27,000 sq. yds. The work also includes storm water sewers, curbing, catch basins and other incidentals. The street work will be let as one contract and the sanitary sewer as another.

Proposal blanks, plans and specifications are on file at the office of the City Manager at the City Hall, Hinton, W. Va., or at the office of J. E. Settle, Consulting Engineer, Charleston National Bank Building, Charleston, W. Va. A certified check, payable to the City of Hinton, for 10% of bid shall accompany bids on street improvements and certified check for \$500 shall accompany bids on sanitary sewer. Street improvement is divided into three districts. Work may be bid upon and Council reserves the right to award contracts in part or as a whole.

Plans will be furnished to prospective bidders upon payment of \$10, or contractors desiring to bid on patent pavements may submit their bids with their own plans and specifications, provided they furnish a maintenance bond satisfactory to the City Council.

The City Council reserves the right to reject any or all bids or accept any bid should it be deemed to be the interest of the City of Hinton so to do.

By order of the City Council.

HUME K. NOWLAN,

City Manager.

J. E. SETTLE, Engineer.

Charleston, W. Va.

Bids close June 12, 1928.

Concrete Roads

DEPARTMENT OF PUBLIC WORKS
STATE OF MARYLAND
STATE ROADS COMMISSION

NOTICE TO CONTRACTORS

Baltimore, Md.

SEALED PROPOSALS for building five sections of State Highway as follows:

Montgomery County, Cont. M-101—One section of State Highway from Olney toward Laytonsville for a distance of 1.0 mile. (Concrete.)

Montgomery County, Cont. M-95—One section of State Highway from end of Cont. M-76 near Brookville toward Sunshine for a distance of 1.0 mile. (Concrete.)

Montgomery County, Cont. M-103—One section of State Highway along the Old Georgetown Road from the end of the concrete shoulders to the Rockville Pike, a distance of 0.92 mile. (Concrete.)

Prince George's County, Cont. P-83—One section of State Highway along the Ray Road from the end of Cont. P-79 to the Riggs Road, a distance of 0.47 mile. (Concrete.)

Wicomico County, Cont. W-43—One section of State Highway along Isabella Street, Salisbury, between Main Street and Division Street, a distance of 0.91 mile. (Concrete.)

will be received by the State Roads Commission at its offices, 601 Garrett Building, Baltimore, Maryland, until 12 M. on the 12th day of June, 1928, at which time and place they will be publicly opened and read.

Bids must be made upon the blank proposal form which, with specifications and plans, will be furnished by the Commission upon application and cash payment of \$1.00, as hereafter no charges will be permitted.

No bids will be received unless accompanied by a certified check for the sum of Five Hundred (\$500) Dollars, payable to the State Roads Commission.

The successful bidder will be required to give bond and comply with the Acts of the General Assembly of Maryland respecting contracts.

The Commission reserves the right to reject any and all bids.

BY ORDER of the State Roads Commission this 24th day of May, 1928.

JOHN N. MACKALL, Chairman.

L. H. STEUART, Secretary.

Bids close June 21, 1928.

Virginia Highway Work

Richmond, Virginia.

The Commission will receive bids on:

Proj. F496G—3 miles soil or gravel.

Proj. S509—3 miles rock asphalt; alternates requested on cold mix bituminous pavement, sheet asphalt (all to include concrete base and shoulders); also concrete.

Proj. F531—2.2 miles rock asphalt; alternates requested on cold mix bituminous pavement, sheet asphalt (all to include concrete base and shoulders); also concrete.

Details obtainable on request.

Bids close June 14, 1928.

Street Improvements

Huntsboro, Ala.

Postponement of Opening Bids: Previously Advertised to be Opened May 31, 1928.

Sealed bids will be received by the Mayor and Town Council at the office of Town Clerk, Huntsboro, Alabama, until 11 A. M. June 14, 1928, and at that time publicly opened, for street improvements under Improvement Ordinance No. 1, payment for which will be made in special assessment non-obligation bonds of the Town of Huntsboro, the same being Main Street from Railroad Street to Gregory Street.

The principal items of work are approximately as follows: Common excavation, 2400 cu. yds.; concrete paving, 5250 sq. yds.; rock asphalt paving, 300 sq. yds.; combined curb and gutter, 1350 lin. ft.; storm sewers, 500 lin. ft.

Plans and specifications are on file in the office of the Mayor at Huntsboro and in the office of the consulting engineers, Birmingham, Alabama. Specifications and proposal blanks can be secured on deposit of \$5 from the undersigned or from the Consulting Engineers. Copy of the plans will be mailed by the Consulting Engineers on receipt of payment (not deposit) of \$10.

The right to reject any or all bids is reserved.

Cash or certified check or proposal bond for fifteen hundred (\$1500) dollars, made payable to the Town of Huntsboro, Ala., must accompany each bid as evidence of good faith and as a guarantee that if awarded contract the bidder will execute the contract and give bond as required.

G. P. WALKER, Mayor.

ROBT. L. TOTTEEN, INC.,

Consulting Engineers,

Birmingham, Ala.

Bids close June 26, 1928.

Water Works

Kingsport, Tenn.

Sealed proposals for furnishing materials and constructing additional water-supply works will be received by the City of Kingsport, Tennessee, at the office of the City Manager until two (2) P. M., Eastern Standard Time, Tuesday, June 26, 1928.

The work will consist of constructing a raw-water pumping station, a filtration plant of 2 M. G. D. capacity, a steel storage tank of one million gallons capacity and laying approximately nine and one-half miles (9½) of cast-iron pipe lines from 6 to 20 inches in diameter.

Each proposal must be accompanied by a certified check, payable to the City of Kingsport, in an amount equal to five (5%) per cent of the bid as a guarantee that the contract will be entered into if awarded. A bond equal to one hundred (100%) per cent of the contract price will be required of the successful bidder as surety that he or it will pay for all the materials and labor used in said contract and for the faithful performance of same.

Plans and specifications are on file at the office of the City Engineer at Kingsport, Tennessee, and with Wiedeman & Singleton, Engineers, Atlanta, Ga.

Bidders may obtain copies of the specifications from the Engineers by enclosing certified check for twenty-five (\$25) dollars, payable to the City of Kingsport. Blueprints may be had at the cost of printing. If plans and specifications are returned within thirty days after opening of bids, the check for twenty-five dollars (\$25) will be returned. The city reserves the right to reject any or all bids.

F. L. CLOUD,
City Manager.

Bids close June 29, 1928.

Street Improvements

DeQuincy, La.

Sealed proposals will be received by the Mayor and Board of Aldermen of the Town of DeQuincy, Louisiana, at the Town Hall up to 7.30 P. M. June 29, 1928, at which time they will be opened and considered, for furnishing all labor, material and equipment and constructing street improvements with funds from bond issue of \$60,000 recently voted and sold.

The street pavement will be concrete, asphalt, brick or equal type of surfacing; also curb and gutter, grading and storm drainage, consisting of approximately the following quantities:

- 11,500 Cubic Yards Roadway Excavation.
- 23,000 Square Yards Roadway Pavement.
- 3,500 Lineal Feet 6-in.x18-in. Concrete Curb and Gutter.
- 960 Lineal Feet 6-in.x12-in. Concrete Header.
- 18,000 Lineal Feet 6-in.x12-in. Concrete Flush Curb (alternate).
- 850 Lineal Feet 15-in. Storm Sewers.
- 1,625 Lineal Feet 18-in. Storm Sewers.
- 1,020 Lineal Feet 21-in. Storm Sewers.
- 865 Lineal Feet 24-in. Storm Sewers.
- 320 Lineal Feet 30-in. Storm Sewers.
- 40 Lineal Feet 2-ft.x4-ft. Concrete Box Culvert.
- 10 Manholes.
- 17 Curb Inlets.
- 17 Special Inlets.
- 50 Cubic Yards Class "B" Concrete Head Walls.

Plans and specifications are on file with the Town Clerk at the Town Hall in DeQuincy and the town's Engineers, The J. B. McCrary Company, Atlanta, Georgia. Copies of specifications may be secured from Engineers on deposit of \$5, which will be returned to bona fide bidders. Copies of plans may also be secured from Engineers on payment of \$15, which amount will NOT be returned.

Each bid shall be accompanied by a certified check for 5% of amount bid, made payable to the Town of DeQuincy, said check to be forfeited to said town in event contract is awarded and contractor fails to make bond and sign the contract. A bond for faithful performance of contract and the payment for all labor and material as required by law will be required of the contractor in the amount of 50% of contract price.

The Mayor and Board of Aldermen reserve the right to reject any or all bids, or to award the contract as they believe will best serve the interests of the citizens of DeQuincy.

TOWN OF DEQUINCY, LOUISIANA.

By W. E. HOLBROOK, Mayor.

M. M. SMITH, Clerk.

THE J. B. MCCRARY COMPANY,
Engineers,
Atlanta, Georgia.

Bids close July 20, 1928.

Gas Franchise

Hickory, North Carolina.

Application having been made to the City Council of the City of Hickory for a franchise for the establishment and operation of a gas plant in and for said city, and the said City Council proposing to grant such franchise as provided by the charter of the city to the bidder offering the highest percentage of the gross annual receipts received from the use, operation or possession of the franchise.

Sealed bids will be received by the City Council of the said city at the City Hall until 8 o'clock P. M. on the 20th day of July, 1928, based on percentages of the gross annual receipts received from the use, operation and possession of said franchise during a period of thirty years, for a franchise for the establishment and operation of a gas plant in said city. Such bids will be opened at the said time and place and considered.

Every applicant and bid for franchise shall be accompanied by a cash deposit of \$100 or a certified check therefor as a guarantee of the good faith of the bidder.

The successful bidder will be required to file a bond in the sum of \$35,000, conditioned upon the faithful performance of its agreements.

The City Council reserves the right to reject any or all bids.

This 28th day of May, 1928.

H. L. YODER,
City Manager.

Bids close July 10, 1928.

Hydro-Electric Power Plant

Cordele, Ga., May 9, 1928.

Sealed proposals will be received at 10 A. M., Standard Eastern Time, Tuesday, July 10, 1928, by the Hydro-electric Power Commissioners of Crisp County, Georgia, in the Commissioners' office in the Courthouse in Cordele, Crisp County, Georgia, for furnishing all labor, tools, machinery, accessories, temporary buildings and structures, material, equipment and supplies and everything incident and necessary and required for the construction of a complete hydro-electric plant complete with two water-wheel-driven generators installed therein.

Plant to be located on Flint River, in Worth and Lee Counties, near Warwick, Worth County, Georgia.

INFORMATION can be obtained from:

Mr. J. J. Williams, Chairman, Power Commission, Cordele, Georgia.

Emmet S. Killebrew, Chief Engineer, Albany, Ga.

J. E. Surrine & Co., Consulting Engineers, Greenville, South Carolina.

PLANS and Specifications can be secured from the Chief Engineer upon deposit of One Hundred (\$100) Dollars, Seventy-five (\$75) Dollars of which will be refunded upon return of said plans in good condition within 30 days after contract has been awarded.

All proposals shall be sealed and addressed to Mr. J. J. Williams, Chairman Power Commission, Cordele, Ga., and shall be plainly labeled on outside wrapper "Proposal Number (I)," "Proposal Number (II)," "Proposal Number (III)," conforming to bidding.

PROPOSALS ARE invited covering the following general divisions constituting this project:

UNDER NO condition or conditions will contract or contracts for hydraulic and electrical equipment covered by proposals numbers (II) and (III) be executed with any person, firm or corporation other than the manufacturer thereof.

PROPOSAL NUMBER (I)

Buildings, structures, accessories, hoisting equipment, earth-fill dams, excavation, etc., etc.

PROPOSAL NUMBER (II)

Hydraulic Machinery, including governors, oil pumps, oil tanks, piping, etc., etc., erected complete, tested and put in operation.

PROPOSAL NUMBER (III)

Electrical Machinery, accessories, switch-board, wiring, etc., etc., erected complete, tested and put in operation.

EACH bid must be accompanied by a certified check, payable to the Power Commission of Crisp County, for an amount equal to 5% (five per cent) of the amount of the bid to guarantee that the successful bidder will, within ten (10) days from the date of notice of award of contract, enter into contract with the Power Commission of Crisp County for the performance of the work, and execute an acceptable collateral or other satisfactory bond to an amount of one hundred (100%) per cent of the contract price for the full and faithful performance and execution of all conditions of the contract, and in accordance with the plans, specifications, conditions and requirements as stipulated in call for bids. The proceeds of such checks are to become the property of the Power Commission of Crisp County, Georgia, if for any reason whatever the bidder withdraws from the competition after opening of bids, or refuses to execute the required contract and bond, if his bid is accepted.

NO RIDDER'S BOND WILL BE ACCEPTED.

Checks will be returned after the approval of the contract and bond executed with the successful bidder.

The Commission, at their discretion, may return such checks as they see fit before the signing of the contract.

NO BIDS will be considered except those who are experienced hydro-electric builders, and these shall have adequate equipment and satisfactory financial rating and be authorized to do business in the State of Georgia as required by law.

THIS project is for Crisp County, Georgia, and consists briefly of approximately:

- 14,000 cubic yards limestone excavation.
- 50,000 cubic yards earth excavation.
- 230,000 cubic yards earth-fill dams.

25,000 cubic yards Class "A" reinforced concrete.

500 tons structural steel.

1,000 tons reinforcing steel.

1 brick building, 40 ft. x 150 ft. x 50 ft. high.

2 3600-horsepower vertical water wheels and generators installed complete.

THE Commission reserves the right to reject any or all bids.

J. J. WILLIAMS, Chairman;

P. F. FITZGIBBONS,

Vice-Chairman;

J. W. CANNON,

JERE SLADE,

J. S. SHEPPARD,

J. A. SLOAN,

LOREN WILLIAMS,

Commissioners.

JUDGE W. P. FLEMING,

Secretary.

EMMET S. KILLEBREW,
Chief Engineer,

Albany, Georgia.

J. E. SIRRINE & COMPANY,
Consulting Engineers,
Greenville, S. C.

Bids close June 29, 1928.

Schools

Birmingham, Ala.

Sealed proposals will be received by the Board of Education, Birmingham, Alabama, on or before 2 o'clock P. M. Friday, June 29, 1928, for the erection and completion of the following new Elementary Negro School buildings.

WASHINGTON SCHOOL

NORTH BIRMINGHAM SCHOOL

Bids are invited on one or both buildings and their divisions.

The work on each building will be divided into the following base bids:

1. General Work.
2. Plumbing, Sewering and Gas Fitting.
3. Heating and Ventilation.
4. Electric Work.

The plans and specifications of both the buildings can be seen at the office of the Board of Education, Birmingham, Alabama; the office of Warren, Knight & Davis, Architects, Empire Building, Birmingham, Alabama, and the office of Wm. B. Ittner, Inc., Board of Education Building, St. Louis, Mo., Consulting Architect.

Plans and specifications may be procured from the office of Warren, Knight & Davis by forwarding deposit checks as follows:

General Plans and Specifications \$10 per set.

Plumbing, Heating and Wiring plans and specifications for both buildings \$10. Deposits to be refunded under provisions mentioned in "Instructions to Bidders."

The Board reserves the right to reject any or all bids.

By order of the Board of Education of Birmingham, Alabama.

By D. E. MCKINLEY,
Business Manager.

Bids close June 13, 1928.

Hangar

Orlando, Fla.

Sealed proposals will be received by the City Commissioners of the City of Orlando, Florida, at the office of the City Clerk in the City Hall at Orlando, Florida, until 10 o'clock A. M. June 13, 1928, for the construction of one Airplane Hangar as per general sketch and specifications.

Proposals for this work shall be presented in a sealed package or envelope, marked "BIDS FOR HANGAR." Bidders should submit with their bid complete detailed plans and specifications, showing the hangar they propose to construct.

Each proposal should be accompanied by a certified check in the amount of \$250, made payable to the City of Orlando, Florida. The successful bidder will be required to give bond satisfactory to the city in the sum of the contract price for the faithful performance of the work.

The City Commissioners reserve the right to reject any or all bids or to award a bid to any bidder whose bid they believe to be to the best interest to the city.

(General sketch and specifications may be obtained by addressing the City Engineer, City Hall, Orlando, Florida.)



CLASSIFIED OPPORTUNITIES



MINERAL AND TIMBER LANDS, WATER POWER, MISCELLANEOUS PROPERTIES

MARBLE DEPOSIT

FOR SALE OR LEASE—Tract of 255 acres in Buckingham County, Va., on the James River opposite Norwood Station, on the James River Division of the Chesapeake & Ohio Railway. Tract contains two large deposits of high-grade light gray marble, especially suitable for building and tombstone purposes, and for which the demand is greater than the supply. Address MRS. A. L. McC. WHELAN, Memorial Hospital, Lynchburg, Va. After June 16, Norwood, Va.

TIMBER AND TIMBER LAND

FOR SALE—1½ million feet, more or less, of standing timber, principally pine and gum, with some hickory, oak and poplar, on line of Frisco Railroad, ten miles from Columbus, Miss. J. W. C., Box 548, New Orleans, La.

MISCELLANEOUS PROPERTIES

OPPORTUNITIES IN VIRGINIA—We are brokers for timber, coal lands, orchards, farms, country homes and business opportunities in Virginia, West Virginia and Tennessee. WHEELER & CO., Charlottesville, Va.

FARM, FRUIT AND TRUCK LANDS

FLORIDA

5000 ACRES of extra good agricultural land at bargain price if sold quick. A. A. GEITGEY, Glen St. Mary, Fla.

THE SLUMP IS OVER

For more than two years now we have been hearing "The Boom is Over." The slump is over now. Send today for booklets and list of Groves, Farms and Investments. Tampa-West Coast Realty Co. (Inc.), Opp. Post-office, "Since before the War," Tampa, Fla.

INDIANA

FOR SALE—Indiana grain and stock farm, 160 A., Benton Co.; black; improved; bargain. Write owner, STEEN SWADLEY, Oxford, Indiana.

MISSISSIPPI

FOR SALE—Four farms, with improvements (aggregating 1063 acres), suitable for anything grown in the South; also dairy. Terms to suit purchaser; located in Stone County. E. E. COLMER, McHenry, Miss.

NORTH CAROLINA

FOR SALE—Ten farms, with improvements (aggregating 2800 acres), suitable for tobacco, cotton, peanuts, corn and other crops. Terms to suit purchasers; 350 acres suitable for nursery or stock farm. La Fayette Life Insurance Co., Lumberton, N. C.

If interested
FOR HOME OR FOR INVESTMENT
In the great and rapidly developing
STATE OF NORTH CAROLINA,
especially in its leading city, Charlotte, or
in a Southern Cotton Mill or Southern Mill
Stocks, write to
F. C. ABBOTT & CO.,
Realtors and Investment Bankers
Nearly thirty years in Charlotte.

TEXAS

FOR SALE—Forty thousand acres finest land, winter garden of Texas; \$3.00 cash, balance easy. Also some of best cheap ranches—cattle, goats, sheep—\$3.50 acre up; good terms. R. J. THOMAS, Kirby Bldg., Dallas, Texas.

ACCOUNT being in hospital owner offers at sacrifice price 80 acres citrus land, with 22 acres bearing orchard; \$12,000 modern residence, built 18 months; all appointments in keeping; \$3000 worth farm equipment; 30 acres in farm crops, all fenced; \$30,000; \$10,000 cash; terms; 6 per cent.
UPDEGRAFF, La Feria, Tex.

RATES AND CONDITIONS

Rate 30 cents per line per insertion. Minimum space accepted, four lines. In estimating the cost allow seven words of ordinary length to a line. When the advertisement contains a number of long words proper allowance should be made. Terms: Invariably cash with order; check, postoffice or express order or stamps accepted. No display type used. Questionable or undesirable advertisements will not be accepted. The assistance of our readers in excluding undesirable advertisements is requested. We reserve the right to refuse any advertisement. No patent medicine, oil or mining stock advertisement accepted. Rate for special contracts covering space used as desired within one year as follows: 100 lines, 28c per line; 300 lines, 26c per line; 500 lines or more, 25c per line.

BUSINESS OPPORTUNITIES

WANTED—Capital to develop unlimited deposit finest gravel near trackage; minimum overhead, no stripping. Write THOS. H. BENTON, 707 Young St., Dallas, Texas.

FOR RENT—Full equipped tobacco re-drying plant, located in Georgia town of 8000 population, center tobacco belt. Write Fitzgerald Development Co., Fitzgerald, Ga.

50,000 ACRES hardwood timber, mill, etc. Take some trade. I have a large Cotton Plantation to trade for tract of good timber; many other big trades. BOB WORKMAN, P. O. Box 3089, Tampa, Fla.

FOR SALE—A going mill and industrial mill supply business in the industrial section of Virginia. Excellent railroad and water facilities. Good reason for selling offered at a reasonable price. For full particulars, No. 6910, care of Manufacturers Record.

AN OLD WELL established machinery sales house, located in one of the best territories in the South, wants an active, aggressive salesman, one familiar with material-handling equipment, to take an active interest in the business. For full particulars No. 6909, care of Manufacturers Record.

FOR SALE—At reasonable price, a well-equipped Sand Pit located on the main line of the Atlantic Coast Line Railway. Sand meets N. C. Highway Specifications. Reason for selling, owner has other interests outside of State. Address P. O. Box 1174, Columbia, South Carolina.

FOR SALE—Extensive core-drilled verde antique marble deposit; complete manufacturing plant and equipment; good railroad facilities. Beautiful and rare stone, commanding a high price, with ready market. Proposition too large for present owners. Big opportunity for new organization. Paul H. Jamison, Box 405, Roanoke, Va.

OUTSTANDING OPPORTUNITY TO INVESTORS

Practical and technical trained manufacturer has developed and demonstrated in one of largest fields of manufacturing important changes that will revolutionize the industry. Desires financial assistance, which would be well secured. Address No. 6914, care of Manufacturers Record, Baltimore, Md.

BUSINESS AND INVESTMENT PROPERTIES

BUSINESS SITE IN WASHINGTON, D. C.
FOR SALE—20,000 ft. corner lot in the heart of the retail business section of Washington. Address CHARLES N. JOYCE, Fendall Building.

PHYSICIANS, SURGEONS AND NURSES

WE HAVE on our lists Physicians and Surgeons who are seeking contract practices with Industrial firms and Lumber Mills. We also list of graduate nurses. Our purpose is to put our candidates in touch with prospective employers. Our service is gratis to employers. We invite correspondence.

HAMILTON MEDICAL EXCHANGE,
Fidelity Bank Building,
Memphis, Tennessee.

PUBLIC UTILITIES WANTED

HAVE CLIENTS with money to invest in public utilities, electric-power plants, water-works systems and ice factories. Write George B. Baskerville, Cons. Engineer, 1616 Tenth Avenue, South, Birmingham, Ala.

INDUSTRIAL SURVEYS

ENGINEERING REPORTS on resources of cities and towns. Recommendations for industrial development made by specialists in locating industries.

TECHNICAL SERVICE COMPANY
Woolworth Building New York City

FACTORY BUILDING

FACTORY BUILDING AVAILABLE

In Southern town of 3000 population. Two-story brick building, with 10,000 feet floor space; steam heated, sprinkler system, electric lights, large windows; located on railroad. Suitable for textile mill, hosiery mill or similar use. Healthful location, good water, sewers, paved streets; labor plentiful and cheap. Liberal co-operation of citizens. No. 6894, care of Manufacturers Record.

INDUSTRIES WANTED

INDUSTRIES WANTED

at Buchanan, in the Valley of Virginia. On the historic James River and nationally noted highway leading from Canada and New England to the South and Southwest, twenty-five miles north of Roanoke City. 100 acres free sites on either the Norfolk & Western or Chesapeake & Ohio Railways. Splendid location for manufacturing plants such as textile goods, rayon, furniture of both hard and soft woods; unlimited electric power. Water analysis shows special fitness for textiles of all kinds. Survey shows abundant labor, both male and female. Splendid farming and dairying territory adjacent. Schools the highest standard. Banking facilities adequate for all demands. Full information furnished by Industrial Committee of Business Men's Club.

INDUSTRIAL PLANTS

A COMPLETELY EQUIPPED MILLWORK MANUFACTURING PLANT at Spartanburg, S. C., for Rent. A wonderful opportunity to the right party. Address SPARTANBURG LUMBER MFG. CO.

ON ACCOUNT of erecting a larger plant, our modern one-story brick factory building, ideally located for many lines of manufacturing, containing about thirty thousand square feet of floor space, will be available for lease about November 1st. Jarman Shoe Company, corner Second and Shelby Avenue, Nashville, Tenn.

WE HAVE for sale or rent, located in the heart of the city, Brick Building, size 40 by 200 feet, with 2 floors and concrete basement, side track and electric elevator, suitable for any Wholesale or Manufacturing Enterprise. For particulars address
THE ARMFIELD COMPANY,
Fayetteville, N. C.

INDUSTRIAL PLANTS

FOR SALE—Factory Building on Private Switch Track. Full particulars upon request.

PIPES & JOHNSON, Realtors,
339 Carondelet St., New Orleans, La.

WRITE FANTUS for factories anywhere. Wonderful values in buildings or equipped plants. Valuable industrial sites free of cost to established industries. For America's best buys, address Fantus Factory Locating Service, 139 North Clark Street, Chicago.

FOR SALE—SAVANNAH, GEORGIA.

Excellent Factory or Warehouse in City limits; location and building on Seaboard Air Line Railroad, with private track along side of building. Warehouse 306x100 and over 178,000 square feet of land. Plenty of cheap labor, white and colored. Address **HUE THOMAS,** Savannah, Georgia.

OWNERS OF GOING FOUNDRY and machine shop business want to sell the foundry alone to experienced foundry executive. Good opportunity for jobbing trade in addition to regular tonnage supplied in machine shop. Average daily pour this year approximately eight and three-quarter tons. Full details upon application. Address No. 6911, care of Manufacturers Record, Baltimore, Md.

FOR SALE—An up-to-date brick manufacturing plant fully equipped with inexhaustible clay rights. Situated at Covington, Virginia, where a new \$10,000,000 rayon plant will be built in the near future. A wonderful opportunity; must be sold under decree of the Court. For particulars write **G. A. Revercomb, R. C. Stokes and C. C. Collins,** Commissioners, Covington, Va.

PATENT ATTORNEYS

FREE "PATENT PARTICULARS" Sterling Buck, over 21 years Registered Patent Attorney. Prompt and thorough services. Suite M, 629 F, Washington, D. C.

PATENT ATTORNEYS

PATENTS—Booklet free. Highest references. Best results. Promptness assured. **WATSON E. COLEMAN,** Patent Lawyer, 724 Ninth St., N. W., Washington, D. C.

PATENTS—TRADEMARKS—COPYRIGHTS Charlotte office convenient to South. **PAUL B. EATON,** Registered Patent Attorney, 406 Independence Building, Charlotte, N. C., and 903 Grant Place N. W., Washington, D. C.

PATENTS AND TRADE-MARKS—Thirty years' experience rendering prompt and proper service to the manufacturing concern and individual. Submit your problem for advice. **CHANDLEE & CHANDLEE,** Patent Attorneys, Washington Loan & Trust Bldg., Washington, D. C.

AGENCIES WANTED

WANTED—Agency Manufacturer's Line to sell to Hardware trade of Minn., North Dak. and Northern Wis. **E. S. DeLancey,** Kedney Warehouse, Minneapolis, Minn.

REPRESENTATIVES WANTED

DISTRIBUTORS WANTED

to sell

OLD VIRGINIA CURED HAMS

Write or wire at once for exclusive sale of our **OLD VIRGINIA CURED HAMS** in your territory. These Hams are being shipped

ALL OVER THE WORLD.

We have more territory open as yet. **OLD DOMINION HAM CO.,** Abingdon, Virginia.

MEN WANTED

EXPERIENCED, energetic sales manager for well-established inspection bureau, capable of handling district office as well as the developing of new fields for this service. Prefer age 38 to 48—reference required, which will be treated confidentially. No. 6913, care of Manufacturers Record, Baltimore.

MEN WANTED

SALESMAN WANTED—Our proposition offers greater earning possibilities to the real salesman than is offered to him in most any other line. A credit and collection service with a bonded recovery obligation. **American Security Credit Company,** General Offices, St. Louis, Mo.

IF YOU ARE OPEN to overtures for new connection and qualified for a salary between \$2500 and \$25,000, your response to this announcement is invited. The undersigned provides a thoroughly organized service, of recognized standards and reputation, through which preliminaries are negotiated confidentially for positions of the caliber indicated. The procedure is individualized to each client's personal requirements; your identity covered and present position protected. Established seventeen years. Send only name and address for details.

R. W. BIXBY, INC.,

103 Downtown Bldg., Buffalo, New York.

CONTRACT WORK WANTED

PLATE WORKING MACHINERY—a complete line. General and Special Machinery. Castings: Grey Iron and Semi-Steel, any size up to 40,000 lbs. Brass, Bronze and Aluminum to 10,000 lbs. **COVINGTON MACHINE COMPANY, INC.,** Engineers Founders Machinists Covington, Va.

MACHINERY AND SUPPLIES

ICE-MAKING AND REFRIGERATING MACHINERY—New and rebuilt. Our prices on new Waynesboro Refrigerating Equipment and Household Electric Refrigerators very low. Buy direct from the manufacturer. All sizes. Get our prices on your requirements. **GEISER MANUFACTURING COMPANY,** "Department E," Waynesboro, Pa.

RANDOLPH-MACON SCHOOL FOR GIRLS

Danville, Virginia

(Branch of Randolph-Macon System)

Located in famous Piedmont Section of Virginia, one hundred and fifty miles southwest of Richmond.

Offers courses which meet maximum college entrance requirements. Certificate accepted. Post-graduate courses for those who wish additional preparation.

Piano, Voice, Violin, Art and Expression.

Experienced instructors.

Ideal school home. Modern conveniences. Large campus. Tennis, basketball, golf, etc.

Catalog gladly furnished.

John C. Simpson, A. M., Principal

1000 Acres in Alabama

Site for **TEXTILE INDUSTRY**, large store for general merchandise, cotton gin and 100 dwellings now used by operating iron furnace. Land traversed for three miles by branch line connecting with Southern Railway System. Unfailing spring water supply two thousand gallons per minute. Healthful location, well drained, elevation 750 feet. Churches and school established. Location midway between Massachusetts Mills in Georgia and Dwight Mills in Alabama. Midway between Rome, Ga., and Anniston, Ala., textile centers. Ten miles from Alabama Power Co. lines.

Textile mills now interested in Alabama location invited to correspond.

D. J. GARVIN

Rock Run, Cherokee County, Alabama

OPPORTUNITY

Have you a used engine, air compressor, rails or equipment of any kind you are not using? Here is your opportunity to turn them into cash. Use our Resale Department for good results.

Manufacturers Record
Baltimore, Md.

TO ANY TOWN WANTING A COTTON MILL

Complete Mill—either an equipment or turn key job of complete mill from start to finish

I have for sale a complete spinning equipment of thoroughly modern machinery to make single or two ply yarns on 30s to 40s—20,000 spindles which can be furnished in one unit or in two units of 10,000 spindles each. Or can furnish with 40-inch Draper Looms to make print cloths. I can furnish this machinery at very reasonable price to any mill wanting machinery or will build a mill complete from start to finish using this machinery—at a price of \$40.00 per spindle on two ply yarns or \$42.50 per spindle on print cloth.

If desired can furnish practical men to operate mill, who will subscribe for five per cent of the capital stock of the mill and I can myself take or place an additional five per cent.

J. H. McADEN

200 South Cedar St.
CHARLOTTE, N. C.

303 McDuff Building
PAWTUCKET, R. I.

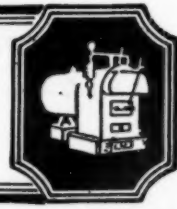


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Must vacate premises at once.
No reasonable offer refused for the following high grade apparatus.
All in good sound condition.

3 ph. 60 cy. 220/440 Volt Motors

- 1—200 H.P. G.E. type I-M. 450 RPM slipring 3 bearing belt drive-enclosed rings.
- 1—150 H.P. G.E. type I-M. 450 RPM slipring belt drive-enclosed rings.
- 1—150 H.P. C.W. type 127-AQ 450 RPM slipring.
- 2—150 H.P. Westg. type C.W. 690 RPM slipring.
- 1—75 H.P. G.E. type I-M. 690 RPM slipring belt drive-enclosed rings.
- 4—75 H.P. Westg. type C.S. 720 RPM Sq. Cage.
- 1—50 H.P. Westg. type C.W. 900 RPM slipring.
- 4—40 H.P. Westg. type C.S. 1120 RPM Sq. Cage.
- 1—40 H.P. Westg. type HF 1700 RPM slipring.
- 1—35 H.P. G.E. type I-M. 600 RPM slipring.
- 1—30 H.P. G.E. type KT-336 900 RPM Sq. Cage.

TRANSFORMERS

- 3—300 KVA. 1 ph. 60 cy. 13200/11880 volt prim. 440 volt sec. G.E. type II form H.P.
- 1—1150/2000 amp. 440 volt G.E. main line panel.

STEAM TURBO GENERATORS

- 1—160 K.W. 3 ph. 60 cy. 480 volt 3600 RPM G.E. type ATB. form T, Non Cond. Turbine 125 lb. ST.
- 2—750 K.W. 397 KVA 3 ph. 60 cy. 2300 V. 3600 RPM G.E. form T, Condensing Turbines 135 lb. ST.

JOHN D. CRAWBUCK COMPANY
EMPIRE BLDG. PITTSBURGH, PA.

Electrical Equipment

210 KVA, 168 KW @ 80% P. F., 3 phase, 60 cycle, 600 volt General Electric generator, direct connected to an A. & L. Ide & Son single cylinder engine.

525 KW, 3 phase, 60 cycle, 600 volt, 450 RPM, General Electric alternator with exciter and switchboard panel.

JOSEPH MYERSON

411 Atlantic Ave. Boston, Mass

Rebuilt Slip Ring Motors

3 Phase, 60 Cycle, 220 or 440 Volts.

- 2—20 H.P. Howell (New) 900 RPM
- 1—30 H.P. Allis Chalmers 900 RPM
- 1—40 H.P. Allis Chalmers 1200 RPM
- 1—62 H.P. General Electric 1150 RPM
- 1—62 H.P. Westinghouse 1150 RPM
- 1—75 H.P. Allis Chalmers 860 RPM

DELTA EQUIPMENT CO.

148 N. 3d St.
PHILADELPHIA, PA.

SPECIAL SPECIAL SPECIAL

**Machinery and Equipment—
Office Furniture and Fixtures and
Unused Machinery For Sale**

IN MAT FACTORY PLANT

The factory is ready for operation. We will sell entire Plant or any part of it, together with machinery and equipment. Get in touch with us promptly.

OLD DOMINION LAND COMPANY

2400 West Avenue
Newport News Virginia

For Immediate Delivery

MODERN TURBO-UNIT EXTRACTION TYPE

Consisting of

750 KW, 80% P.F., 937 KVA, 3 phase, 60 cycle, 600 volt, 3600 RPM, General Electric generator direct connected to a 3-stage Curtis Turbine, complete with motor driven exciter, switchboard panel, Wheeler Surface Condenser with all accessories and pipe connections. Complete power plant equal to new.

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Used and Rebuilt Engine Generator Sets, Turbo Generator Sets, Motors, Rotary Converters, Generators, Motor Generator Sets, Engines, Boilers, Steam and Electric Machinery of all kinds, also Machine Tools. Send for our new machinery list. Yours for the asking.

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300 H.P. 6 cylinder 258 R.P.M.
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36 in. centrifugal pump
24 in. centrifugal pump
In fine condition; will sell cheap.

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3—150 KVA, 2300 volt primary, 575 volt secondary, General Electric type H, form K.

3—75 KVA, 2300 volt primary, 575 volt secondary, General Electric type H, form K.

2—25 KVA, 550 volt primary, 110/220 volt secondary, General Electric type H, form K.
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3 Phase, 60 Cycle, 440 Volt with or without base, pulleys and starters.

Quantity	H. P.	R.P.M.
5	7 1/2	1200
7	10	720
1	10	900
1	20	1200
1	30	1200
1	40	900

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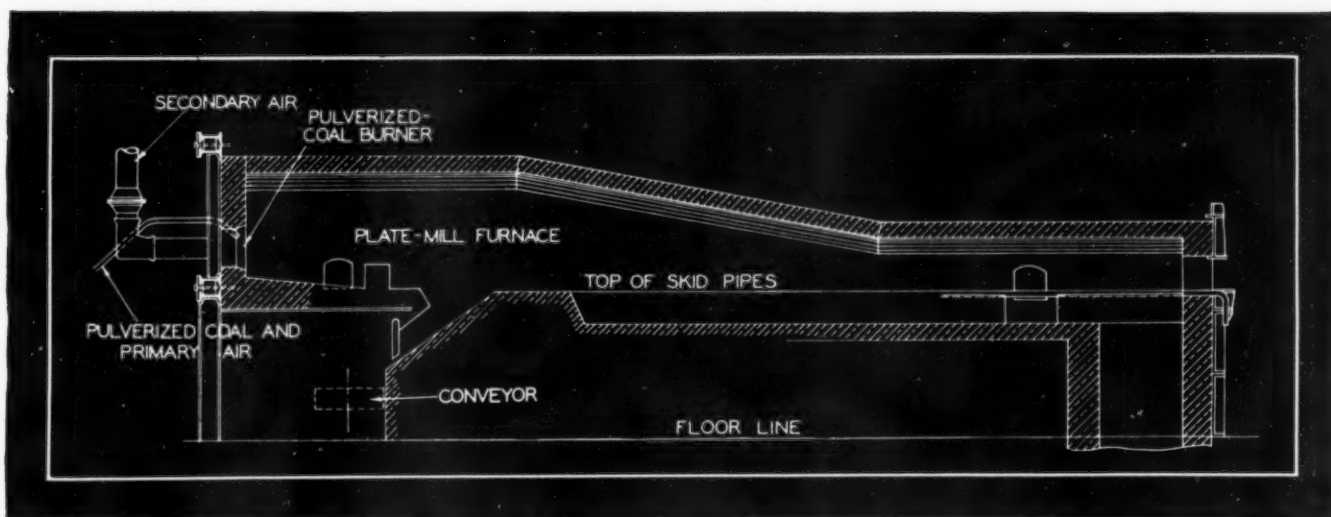
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